

Appendix J

Table J-1 Characteristics of 1978 to 2003 OTHER TRANSMISSION Cars

MODEL YEAR	SALES (000)	FRAC	<---- LAB 55/45	FUEL ADJ CITY	ECONOMY ADJ HWY	----> ADJ 55/45	WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG
1978	45	0.003	28.7	23.8	25.1	24.3	2151	85.7	92	64	14.7	100	0.698	0.0298	26.3	2097	2272
1979	131	0.009	29.3	24.1	25.9	24.9	2251	86.0	96	68	14.6	101	0.715	0.0303	28.6	2206	2471
1980	91	0.008	34.2	27.9	30.5	29.0	2132	88.4	93	73	13.2	105	0.789	0.0343	31.2	2581	2758
1981	51	0.005	34.9	27.9	32.0	29.6	2250	87.8	96	78	13.1	106	0.816	0.0348	33.4	2603	2928
1982	37	0.004	36.6	29.3	33.5	31.1	2200	87.8	91	67	14.4	101	0.740	0.0305	34.2	2734	3003
1983	36	0.004	35.4	28.3	32.7	30.1	2277	89.2	94	70	14.3	102	0.747	0.0306	34.4	2706	3067
1984	3	0.000	33.1	26.4	30.6	28.2	2545	93.5	117	88	13.4	107	0.756	0.0338	35.8	2643	3352
1986	0	0.000	23.0	17.5	23.3	19.7	2750	50.0	170	160	8.8	136	0.937	0.0567	27.1	984	1353
1989	12	0.001	39.6	33.0	34.2	33.5	2250	88.6	73	66	15.3	100	0.904	0.0293	37.7	2972	3343
1990	4	0.000	33.0	27.1	29.2	28.0	2515	83.6	99	104	13.1	113	1.022	0.0381	35.7	2512	3004
1991	5	0.000	30.8	24.9	27.9	26.2	2621	80.8	113	121	12.4	118	1.034	0.0422	34.8	2324	2840
1992	1	0.000	25.0	18.7	25.9	21.3	3210	68.8	164	199	9.3	142	1.184	0.0565	34.6	1615	2404
1993	1	0.000	29.9	23.7	27.9	25.4	2718	78.7	117	133	12.0	121	1.080	0.0420	35.0	2206	2772
1996	1	0.000	40.4	32.7	36.4	34.3	2750	97.1	97	115	11.5	117	1.185	0.0417	47.1	3328	4577
1997	7	0.000	41.9	34.0	37.8	35.6	2750	99.5	97	115	11.5	117	1.185	0.0418	49.0	3543	4871
1998	5	0.000	42.4	34.2	38.5	36.0	2750	97.1	97	115	11.5	117	1.185	0.0417	49.6	3500	4813
1999	2	0.000	41.8	33.7	38.0	35.5	2750	97.1	97	115	11.5	117	1.185	0.0416	48.9	3451	4744
2000	2	0.000	41.9	33.7	38.2	35.6	2750	97.1	97	115	11.5	117	1.185	0.0417	49.0	3458	4754
2001	19	0.001	55.7	48.9	44.9	47.0	2924	96.3	90	74	17.5	98	0.827	0.0254	69.5	4555	6718
2002	42	0.003	40.8	32.9	37.2	34.7	2981	94.6	100	102	14.7	108	0.994	0.0337	56.7	3638	5426
2003	48	0.003	45.7	37.6	40.3	38.8	3129	96.6	99	106	15.0	108	1.038	0.0327	64.7	4090	6272

Percent of OTHER Cars:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1978	100.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1979	100.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1980	100.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1981	100.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1982	100.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1983	100.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1984	100.0	0.0	0.0	0.0	10.9	10.9	0.0	89.1	0.0	0.0
1986	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1989	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1990	25.3	56.8	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1991	0.0	72.6	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1992	13.1	10.9	0.0	0.0	100.0	100.0	0.0	0.0	0.0	55.8
1993	0.0	64.7	13.6	0.0	100.0	100.0	0.0	0.0	0.0	14.8
1996	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
1997	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
1998	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
1999	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
2000	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
2001	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
2002	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	86.3
2003	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	38.0

Appendix J

Table J-2

Characteristics of 1978 to 2003 M-3 Cars

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->					WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45	CID			HP								
1978	47	0.003	22.3	17.3	21.6	19.0	3441	113.5	219	100	15.0	104	0.459	0.0291	32.7	2173	3708	
1979	23	0.002	22.1	17.4	20.9	18.8	3584	111.7	224	102	15.2	104	0.457	0.0282	33.8	2122	3783	
1980	17	0.002	21.1	16.9	19.5	18.0	3526	109.1	228	111	14.2	107	0.484	0.0312	31.8	1964	3464	
1981	9	0.001	21.4	16.9	20.2	18.2	3500	103.7	229	115	13.7	109	0.501	0.0323	31.9	1892	3311	

Percent of M-3 Cars:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1978	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1979	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1980	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1981	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0

Appendix J

Table J-3

Characteristics of 1978 to 2003 M-4 Cars

MODEL YEAR	SALES (000)	FRAC	<---- LAB 55/45	FUEL ADJ CITY	ECONOMY ADJ HWY	----> ADJ 55/45	WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG
1978	1129	0.078	27.7	21.5	26.9	23.6	2567	88.4	123	82	14.4	104	0.701	0.0315	30.9	2208	2753
1979	1509	0.109	26.8	20.7	26.2	22.8	2606	89.9	123	83	14.5	104	0.696	0.0312	30.1	2133	2723
1980	1733	0.153	28.0	21.5	27.6	23.9	2582	93.9	123	80	14.7	103	0.659	0.0306	31.2	2307	2944
1981	1335	0.127	31.2	24.1	30.6	26.6	2499	99.0	116	78	14.4	103	0.691	0.0312	33.7	2697	3329
1982	1074	0.110	31.3	24.0	31.1	26.7	2556	94.7	117	77	14.9	102	0.675	0.0298	34.5	2596	3272
1983	542	0.053	33.7	26.1	32.7	28.7	2494	98.6	112	75	14.9	102	0.682	0.0297	36.3	2912	3578
1984	668	0.048	35.1	27.2	34.2	30.0	2505	93.6	112	77	14.7	103	0.695	0.0305	38.0	2902	3568
1985	444	0.031	36.4	28.2	35.4	31.0	2508	98.5	110	80	14.2	104	0.733	0.0318	39.3	3149	3887
1986	489	0.032	34.9	27.1	33.7	29.7	2535	95.5	114	83	14.1	105	0.737	0.0323	38.4	2957	3693
1987	344	0.023	35.9	28.4	33.6	30.5	2417	94.4	100	77	14.4	103	0.769	0.0313	37.5	2972	3560
1988	487	0.032	37.1	29.6	34.3	31.6	2354	96.4	97	74	14.4	103	0.761	0.0311	37.5	3112	3632
1989	315	0.022	38.1	30.1	35.8	32.4	2380	98.0	96	79	13.7	105	0.824	0.0330	38.9	3228	3815
1990	194	0.015	37.6	29.8	35.2	32.0	2462	97.1	97	86	13.0	107	0.892	0.0349	39.6	3131	3853
1991	143	0.011	38.8	31.1	35.7	33.0	2417	97.2	91	89	12.5	109	0.975	0.0369	39.9	3218	3886
1992	107	0.009	38.5	30.6	35.8	32.7	2376	96.4	91	88	12.5	109	0.963	0.0371	38.9	3160	3751
1993	78	0.006	38.6	30.8	35.6	32.8	2308	96.2	89	81	12.9	107	0.911	0.0354	37.9	3158	3643
1994	52	0.004	39.2	31.2	36.4	33.4	2250	95.0	89	82	12.6	108	0.921	0.0364	37.5	3170	3566
1995	18	0.001	42.5	33.6	39.9	36.2	2250	90.0	91	93	11.4	113	1.022	0.0413	40.7	3254	3661
1996	20	0.002	42.6	33.7	39.9	36.2	2250	90.0	91	93	11.4	113	1.022	0.0413	40.7	3260	3667

Percent of M-4 Cars:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING				FOUR	
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1978	44.2	0.0	100.0	0.0	21.2	21.2	0.0	75.1	3.7	0.0
1979	32.0	2.5	100.0	0.0	9.8	9.8	0.0	87.5	2.7	0.0
1980	47.2	2.6	100.0	0.0	8.3	8.3	0.0	83.9	7.7	0.0
1981	62.3	3.4	100.0	0.0	4.3	4.3	0.0	88.8	6.9	0.0
1982	69.6	3.7	100.0	0.0	8.0	4.4	3.6	88.5	3.5	0.0
1983	65.4	7.8	100.0	0.0	20.5	7.5	13.0	76.0	3.5	0.0
1984	61.2	5.5	100.0	0.0	34.5	5.7	28.8	61.8	3.7	0.0
1985	74.5	0.8	100.0	0.0	27.5	9.0	18.4	72.1	0.4	0.0
1986	74.2	0.9	100.0	0.0	23.6	14.4	9.1	76.4	0.1	0.2
1987	92.0	1.0	100.0	0.0	45.3	14.2	31.2	54.7	0.0	1.5
1988	97.9	0.6	100.0	0.0	55.6	19.5	36.1	44.4	0.0	4.4
1989	99.3	0.3	100.0	0.0	65.6	20.9	44.7	34.4	0.0	7.6
1990	99.6	0.0	100.0	0.0	90.3	31.9	58.4	9.7	0.0	17.6
1991	100.0	0.0	100.0	0.0	99.6	69.5	30.1	0.4	0.0	41.2
1992	100.0	0.0	100.0	0.0	100.0	97.5	2.5	0.0	0.0	20.0
1993	100.0	0.0	100.0	0.0	100.0	95.8	4.2	0.0	0.0	0.0
1994	100.0	0.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1995	100.0	0.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
1996	100.0	0.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0

Appendix J

Table J-4

Characteristics of 1978 to 2003 M-5 Cars

MODEL YEAR	SALES (000)	FRAC	FUEL ECONOMY					WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/CID	HP/WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG
			<---- LAB 55/45	ADJ CITY	ADJ HWY	----> ADJ 55/45	CID			HP								
1978	1037	0.072	28.7	22.3	27.8	24.5	2564	86.2	114	84	14.1	105	0.753	0.0326	32.0	2203	2767	
1979	742	0.053	25.9	19.8	25.7	22.1	2633	82.6	117	85	14.3	105	0.724	0.0317	29.7	1926	2471	
1980	1173	0.104	29.1	22.4	28.5	24.8	2541	86.7	110	80	14.4	104	0.726	0.0313	32.0	2240	2792	
1981	1263	0.120	31.8	24.8	30.6	27.1	2488	87.2	110	79	14.4	103	0.710	0.0313	34.1	2445	2993	
1982	1210	0.124	32.3	25.1	31.2	27.5	2519	89.8	113	81	14.3	104	0.710	0.0317	35.2	2577	3190	
1983	1543	0.150	31.9	24.6	31.4	27.3	2583	93.3	120	87	13.9	106	0.732	0.0330	35.8	2670	3375	
1984	1908	0.136	31.5	24.2	31.1	26.9	2646	94.3	125	94	13.4	108	0.757	0.0348	36.3	2649	3439	
1985	2019	0.140	32.1	24.6	31.7	27.4	2629	93.7	121	95	13.1	109	0.791	0.0357	36.5	2674	3441	
1986	2239	0.146	32.2	24.8	31.7	27.5	2684	96.0	122	97	13.2	109	0.805	0.0356	37.4	2739	3597	
1987	2328	0.157	31.9	24.5	31.5	27.2	2719	95.5	121	99	13.2	110	0.821	0.0357	37.4	2683	3576	
1988	2116	0.138	32.3	24.8	31.8	27.5	2738	96.8	122	103	12.8	111	0.852	0.0369	38.2	2763	3703	
1989	1784	0.123	31.8	24.4	31.5	27.2	2786	98.0	125	108	12.4	113	0.883	0.0381	38.2	2745	3751	
1990	1528	0.121	31.2	24.0	30.7	26.6	2834	95.9	125	118	11.8	116	0.967	0.0409	38.1	2629	3663	
1991	1599	0.127	32.3	24.9	31.7	27.5	2796	95.7	121	117	11.9	116	0.974	0.0407	38.9	2728	3739	
1992	1299	0.107	32.5	24.9	32.1	27.7	2813	96.7	121	121	11.6	118	1.009	0.0422	39.6	2787	3835	
1993	1416	0.107	33.3	25.5	32.8	28.4	2771	97.1	120	117	11.8	117	0.978	0.0414	39.9	2863	3887	
1994	1329	0.095	33.4	25.6	33.2	28.5	2831	97.8	123	119	11.7	117	0.986	0.0413	41.0	2894	4017	
1995	1476	0.097	33.2	25.3	33.3	28.4	2869	99.2	125	126	11.3	119	1.026	0.0432	41.2	2908	4096	
1996	1125	0.086	33.2	25.3	33.4	28.4	2912	100.1	128	130	11.1	120	1.029	0.0440	41.7	2924	4189	
1997	1096	0.076	33.3	25.4	33.5	28.5	2897	98.7	125	129	11.1	120	1.048	0.0440	41.6	2885	4125	
1998	954	0.066	32.9	25.0	33.1	28.1	2961	99.6	130	134	10.9	122	1.052	0.0448	42.1	2874	4199	
1999	885	0.058	31.9	24.3	31.9	27.2	3009	99.2	131	140	10.7	123	1.079	0.0459	41.3	2766	4124	
2000	941	0.057	31.8	24.2	31.8	27.1	3017	99.3	134	141	10.7	124	1.084	0.0464	41.4	2764	4126	
2001	850	0.055	32.0	24.5	32.0	27.4	3048	99.8	134	144	10.6	124	1.095	0.0467	42.2	2810	4233	
2002	1005	0.064	31.7	24.0	31.9	27.0	3110	103.3	135	146	10.7	124	1.088	0.0464	42.4	2850	4393	
2003	1076	0.067	32.1	24.6	32.0	27.4	3134	103.5	136	150	10.4	126	1.118	0.0475	43.5	2910	4520	

Percent of M-5 Cars:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1978	20.5	0.0	100.0	0.0	5.8	5.8	0.0	94.2	0.0	0.0
1979	33.8	0.0	100.0	0.0	16.3	16.3	0.0	81.7	2.0	0.0
1980	39.2	0.0	100.0	0.0	19.5	19.5	0.0	78.1	2.4	0.0
1981	49.8	0.0	100.0	0.0	20.2	20.2	0.0	74.5	5.3	0.0
1982	56.1	0.2	100.0	0.0	20.2	20.2	0.0	74.9	4.9	0.0
1983	66.4	6.1	100.0	0.0	32.0	25.0	7.0	67.3	0.8	0.0
1984	69.6	1.4	100.0	0.0	39.9	31.0	8.9	56.9	3.2	0.0
1985	70.3	5.8	100.0	0.0	42.4	33.2	9.3	55.6	2.0	0.0
1986	78.6	3.6	100.0	0.0	57.7	45.7	12.0	41.2	1.1	5.6
1987	79.2	3.4	100.0	0.0	61.9	45.6	16.3	37.9	0.2	11.0
1988	83.0	3.1	100.0	0.0	74.0	48.7	25.3	26.0	0.0	19.1
1989	83.2	3.2	100.0	0.0	83.3	59.0	24.3	16.4	0.2	22.9
1990	83.5	2.6	100.0	0.0	97.9	77.0	20.9	2.0	0.1	47.5
1991	84.3	3.1	100.0	0.0	99.5	75.9	23.6	0.2	0.3	51.6
1992	85.1	3.4	100.0	0.0	99.9	86.4	13.5	0.1	0.1	55.0
1993	89.3	2.3	100.0	0.0	100.0	86.3	13.7	0.0	0.0	53.0
1994	88.7	1.0	99.8	0.0	100.0	90.2	9.8	0.0	0.0	59.3
1995	86.1	2.2	100.0	0.0	100.0	97.1	2.9	0.0	0.0	66.5
1996	86.6	3.1	100.0	0.0	99.6	96.3	3.3	0.0	0.4	66.6
1997	86.4	3.4	100.0	0.0	99.7	98.1	1.6	0.0	0.3	66.0
1998	83.8	4.5	100.0	0.0	98.8	97.6	1.2	0.0	1.2	65.7
1999	82.1	6.3	100.0	0.0	99.0	98.1	0.9	0.0	1.0	62.5
2000	78.9	4.3	100.0	0.0	98.4	97.9	0.5	0.0	1.6	61.9
2001	82.2	4.6	100.0	0.0	98.4	98.4	0.0	0.0	1.6	64.1
2002	81.3	5.1	100.0	0.0	99.0	99.0	0.0	0.0	1.0	62.6
2003	82.9	4.6	100.0	0.0	98.5	98.5	0.0	0.0	1.5	85.6

Appendix J

Table J-5

Characteristics of 1978 to 2003 M-6 Cars

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->					WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/CID	HP/WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45	CID			HP								
1989	4	0.000	22.7	16.4	25.4	19.5	3500	50.0	350	240	7.7	154	0.685	0.0685	34.1	975	1706	
1990	7	0.001	22.3	16.1	24.7	19.1	3503	50.0	350	302	6.6	177	0.864	0.0861	33.5	955	1673	
1991	6	0.000	21.9	15.8	24.4	18.8	3583	53.3	346	296	6.8	173	0.856	0.0826	33.8	994	1793	
1992	6	0.001	22.7	16.5	24.8	19.4	3531	52.8	338	303	6.5	177	0.914	0.0856	34.4	1025	1814	
1993	14	0.001	22.8	16.6	24.8	19.5	3540	73.4	332	284	6.9	169	0.896	0.0800	34.7	1444	2563	
1994	27	0.002	23.0	16.6	25.5	19.7	3607	79.5	324	276	7.2	165	0.932	0.0763	35.7	1585	2870	
1995	35	0.002	22.6	16.4	25.3	19.4	3637	79.2	310	269	7.3	162	0.933	0.0737	35.5	1557	2838	
1996	27	0.002	21.9	15.8	24.7	18.8	3623	73.2	323	291	6.9	170	0.954	0.0805	34.4	1402	2568	
1997	26	0.002	22.3	16.1	24.8	19.2	3675	79.4	309	320	6.5	180	1.090	0.0872	35.9	1574	2922	
1998	23	0.002	23.4	17.0	25.8	20.1	3654	76.5	327	319	6.4	180	1.001	0.0875	37.2	1567	2891	
1999	43	0.003	24.2	17.7	26.2	20.7	3537	72.6	294	300	6.7	175	1.075	0.0843	37.0	1518	2714	
2000	78	0.005	24.6	18.2	26.1	21.1	3405	75.5	240	271	7.0	167	1.284	0.0789	36.0	1631	2771	
2001	105	0.007	24.4	18.1	25.6	20.9	3511	73.5	210	274	7.2	166	1.450	0.0777	36.9	1537	2745	
2002	137	0.009	25.6	19.1	26.7	21.9	3394	83.8	200	254	7.5	161	1.363	0.0743	37.4	1872	3171	
2003	158	0.010	26.1	19.5	27.0	22.3	3445	80.8	195	259	7.5	161	1.383	0.0742	38.7	1846	3151	

Percent of M-6 Cars:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR VALVE
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	
1989	0.0	0.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1990	0.0	0.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	37.2
1991	0.0	0.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	30.8
1992	0.0	0.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	16.2
1993	6.4	0.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	11.4
1994	12.1	0.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	20.3
1995	6.0	1.5	100.0	0.0	100.0	100.0	0.0	0.0	0.0	15.9
1996	0.0	13.3	100.0	0.0	100.0	100.0	0.0	0.0	0.0	2.6
1997	0.0	10.6	100.0	0.0	100.0	100.0	0.0	0.0	0.0	16.8
1998	0.0	2.8	100.0	0.0	100.0	100.0	0.0	0.0	0.0	12.9
1999	7.0	3.7	100.0	0.0	100.0	100.0	0.0	0.0	0.0	36.7
2000	15.1	10.2	100.0	0.0	100.0	100.0	0.0	0.0	0.0	52.2
2001	2.8	34.7	100.0	0.0	100.0	100.0	0.0	0.0	0.0	40.1
2002	35.2	12.8	100.0	0.0	100.0	100.0	0.0	0.0	0.0	65.3
2003	39.1	8.2	100.0	0.0	100.0	100.0	0.0	0.0	0.0	78.6

Appendix J

Table J-6

Characteristics of 1978 to 2003 A-3 Cars

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->					WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/CID	HP/WT	TON-MPG	CU-FT-MPG	CU-FT-TON-MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45	CID			HP								
1978	8125	0.562	18.6	14.6	17.8	15.9	3818	114.4	283	133	13.6	113	0.493	0.0347	30.4	1845	3490	
1979	7462	0.538	19.0	15.0	17.8	16.2	3729	115.0	269	129	13.7	112	0.501	0.0342	30.2	1882	3488	
1980	4814	0.426	22.3	17.6	21.2	19.0	3215	107.8	203	106	14.1	108	0.562	0.0327	30.6	2075	3316	
1981	3027	0.287	24.4	19.2	22.9	20.7	2958	106.5	165	95	14.4	106	0.621	0.0321	30.7	2238	3279	
1982	1251	0.129	27.9	22.3	25.8	23.7	2679	101.1	124	84	14.8	104	0.684	0.0310	31.9	2434	3239	
1983	1158	0.112	28.2	22.6	25.9	24.0	2749	106.1	130	85	14.8	104	0.670	0.0308	33.1	2588	3522	
1984	1667	0.119	28.3	22.4	26.5	24.1	2741	106.0	128	88	14.4	105	0.691	0.0320	33.1	2578	3510	
1985	1798	0.124	28.8	22.8	26.9	24.5	2764	105.3	129	99	13.3	109	0.769	0.0355	34.0	2614	3583	
1986	1742	0.113	28.8	22.8	26.9	24.5	2778	105.5	129	97	13.6	109	0.756	0.0347	34.1	2619	3599	
1987	1498	0.101	28.2	22.2	26.8	24.1	2763	105.1	130	97	13.6	109	0.752	0.0349	33.4	2559	3506	
1988	892	0.058	28.7	22.7	27.1	24.5	2792	103.4	125	98	13.5	109	0.795	0.0350	34.3	2572	3545	
1989	815	0.056	28.8	22.8	27.0	24.5	2818	102.8	126	97	13.7	108	0.774	0.0341	34.6	2569	3559	
1990	535	0.042	28.8	22.8	27.0	24.5	2869	101.6	128	98	13.7	108	0.774	0.0340	35.3	2533	3591	
1991	368	0.029	27.3	21.5	25.7	23.2	2834	99.5	124	96	13.9	107	0.784	0.0333	33.2	2372	3296	
1992	394	0.032	29.3	23.0	27.8	25.0	2799	99.2	126	98	13.7	108	0.797	0.0345	35.1	2528	3478	
1993	351	0.027	29.5	23.2	28.0	25.1	2819	100.6	128	96	13.8	108	0.767	0.0338	35.6	2568	3577	
1994	267	0.019	30.6	24.1	29.0	26.1	2735	100.2	120	91	14.0	106	0.784	0.0330	35.8	2677	3587	
1995	67	0.004	36.8	29.6	33.6	31.3	2358	99.8	84	79	13.8	105	0.945	0.0335	36.8	3123	3679	
1996	71	0.005	36.7	29.4	33.6	31.2	2322	99.9	94	77	14.0	104	0.818	0.0329	36.2	3116	3615	
1997	49	0.003	37.2	29.9	34.1	31.6	2250	90.5	79	70	14.6	102	0.886	0.0311	35.6	2861	3219	
1998	21	0.001	37.2	29.8	34.2	31.7	2274	89.9	80	80	13.2	106	0.998	0.0350	36.0	2851	3236	
1999	18	0.001	36.8	29.4	34.0	31.3	2312	88.3	82	81	13.2	107	0.995	0.0350	36.1	2768	3186	
2000	27	0.002	36.8	29.4	33.9	31.3	2318	88.4	82	80	13.3	106	0.988	0.0348	36.1	2770	3198	
2001	21	0.001	36.3	28.8	33.9	30.9	2390	88.8	86	83	13.3	107	0.975	0.0348	36.7	2750	3270	

Percent of A-3 Cars:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR VALVE
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	
1978	3.9	0.0	0.0	0.0	3.2	3.2	0.0	96.3	0.5	0.0
1979	5.6	0.0	0.0	0.0	3.0	3.0	0.0	95.1	1.9	0.0
1980	29.3	0.8	0.0	0.0	4.8	3.9	0.9	92.9	2.3	0.0
1981	56.9	0.0	0.0	0.0	11.0	5.9	5.1	87.1	1.8	0.0
1982	76.5	0.0	0.0	0.0	9.0	8.9	0.1	89.3	1.8	0.0
1983	76.1	5.6	0.0	0.0	14.1	7.0	7.1	84.9	1.0	0.0
1984	94.0	0.4	0.0	0.0	25.3	13.1	12.2	74.3	0.4	0.0
1985	92.8	1.1	0.0	0.0	52.9	18.0	34.9	47.0	0.1	0.0
1986	92.0	1.8	0.0	0.0	65.3	22.6	42.7	34.7	0.0	0.4
1987	96.0	2.4	0.2	0.0	79.0	22.2	56.9	21.0	0.0	0.6
1988	96.9	1.7	0.0	0.0	91.6	54.3	37.3	8.4	0.0	1.1
1989	95.9	2.8	0.0	0.0	95.1	64.8	30.3	4.9	0.0	2.3
1990	97.9	1.0	0.0	0.0	100.0	73.6	26.4	0.0	0.0	1.1
1991	97.8	1.2	0.0	0.0	100.0	79.6	20.4	0.0	0.0	1.9
1992	97.8	1.6	0.0	0.0	100.0	77.4	22.6	0.0	0.0	9.3
1993	99.4	0.6	0.0	0.0	100.0	85.4	14.6	0.0	0.0	1.3
1994	99.8	0.2	0.0	0.0	100.0	81.1	18.9	0.0	0.0	0.7
1995	100.0	0.0	0.0	0.0	100.0	43.4	56.6	0.0	0.0	0.0
1996	100.0	0.0	0.0	0.0	100.0	30.8	69.2	0.0	0.0	0.0
1997	100.0	0.0	0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0
1998	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	98.1
1999	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	6.1
2000	12.2	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	6.7
2001	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	14.6

Appendix J

Table J-7

Characteristics of 1978 to 2003 A-4 Cars

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->			WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/CID	HP/WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG	
			LAB 55/45	ADJ CITY	ADJ HWY			ADJ 55/45	CID								HP
1978	42	0.003	22.0	17.7	20.0	18.7	3589	102.4	167	105	15.8	105	0.632	0.0296	34.4	1959	3515
1979	57	0.004	22.8	18.4	20.7	19.4	3567	100.6	168	102	16.2	104	0.609	0.0290	35.6	2004	3630
1980	57	0.005	24.5	20.2	21.6	20.8	3477	101.0	169	95	16.6	103	0.568	0.0278	36.8	2129	3763
1981	135	0.013	26.0	20.9	23.9	22.1	3277	94.6	165	105	14.6	107	0.635	0.0321	36.7	2136	3504
1982	230	0.024	24.4	19.2	23.1	20.8	3456	107.6	194	114	14.0	109	0.623	0.0331	36.3	2256	3912
1983	183	0.018	27.1	21.7	24.8	23.0	3325	99.1	156	112	13.9	109	0.723	0.0337	38.7	2331	3871
1984	206	0.015	25.4	20.1	23.8	21.6	3376	99.5	166	127	12.8	115	0.775	0.0376	37.1	2205	3715
1985	200	0.014	24.7	19.8	22.7	21.0	3408	100.5	168	129	12.6	115	0.790	0.0379	36.3	2165	3661
1986	154	0.010	22.6	18.0	21.1	19.3	3514	105.6	191	158	11.3	124	0.852	0.0442	34.3	2113	3661
1987	181	0.012	23.1	18.3	21.6	19.6	3519	105.9	190	161	11.0	125	0.871	0.0452	35.2	2160	3762
1988	142	0.009	22.5	17.7	21.2	19.1	3504	104.6	188	161	11.0	125	0.886	0.0454	33.8	2062	3562
1989	147	0.010	22.4	17.6	21.4	19.1	3546	106.6	184	163	10.9	125	0.912	0.0454	34.1	2079	3651
1990	117	0.009	22.7	17.7	21.7	19.3	3652	110.1	175	160	11.5	123	0.926	0.0433	35.5	2158	3905
1991	131	0.010	23.1	17.9	22.4	19.7	3662	106.2	177	167	11.1	126	0.970	0.0451	36.3	2133	3864
1992	100	0.008	22.9	17.7	22.5	19.5	3757	107.3	182	181	10.9	129	0.985	0.0471	37.0	2144	3969
1993	83	0.006	23.6	18.2	23.2	20.1	3853	109.5	186	186	10.9	130	0.990	0.0472	38.9	2235	4261
1994	64	0.005	23.7	18.1	23.6	20.2	3934	105.9	200	219	9.4	140	1.102	0.0548	39.8	2173	4226
1995	91	0.006	24.8	18.9	24.7	21.1	4003	104.0	202	216	9.7	138	1.076	0.0534	42.8	2257	4468
1996	44	0.003	27.1	20.6	27.3	23.1	3720	104.4	171	172	10.9	127	1.007	0.0459	43.5	2443	4554
1997	1	0.000	22.6	16.7	23.8	19.3	3500	59.9	220	270	7.0	165	1.226	0.0766	33.8	1157	2024
1998	7	0.001	30.6	22.5	33.1	26.3	2920	102.0	109	109	13.3	112	0.981	0.0363	38.4	2718	3933
1999	28	0.002	28.2	20.9	29.7	24.2	3192	109.1	122	125	12.1	116	1.023	0.0391	38.5	2640	4205
2000	70	0.004	28.1	20.8	29.8	24.1	3104	107.6	119	122	12.1	116	1.031	0.0394	37.3	2597	4025
2001	48	0.003	28.0	20.7	29.7	24.0	3116	107.7	119	121	12.2	115	1.027	0.0389	37.2	2584	4019
2002	33	0.002	28.7	21.3	30.3	24.6	3107	106.8	119	122	12.1	115	1.025	0.0392	38.1	2627	4071

Percent of A-4 Cars :

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR VALVE
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	
1978	0.0	0.0	0.0	0.0	15.1	15.1	0.0	36.6	48.3	0.0
1979	0.0	0.0	0.0	0.0	23.5	23.5	0.0	20.3	56.1	0.0
1980	0.0	0.0	0.0	0.0	39.8	39.8	0.0	0.0	60.2	0.0
1981	0.0	0.0	0.0	0.0	32.1	32.1	0.0	41.4	26.5	0.0
1982	0.0	0.0	0.0	0.0	57.1	32.7	24.5	23.5	19.4	0.0
1983	10.1	4.2	0.0	0.0	59.5	59.5	0.0	13.0	27.5	0.0
1984	0.0	0.0	0.0	0.0	80.0	80.0	0.0	0.0	20.0	0.0
1985	0.0	0.0	0.0	0.0	82.3	82.3	0.0	0.0	17.7	0.0
1986	0.0	0.0	0.0	0.0	95.8	95.8	0.0	0.0	4.2	0.5
1987	0.0	0.0	0.0	0.0	87.1	87.1	0.0	0.0	12.9	1.1
1988	5.9	0.0	0.0	0.0	99.5	99.5	0.0	0.0	0.5	0.8
1989	4.0	0.0	0.0	0.0	99.8	99.8	0.0	0.0	0.2	3.1
1990	7.5	0.4	0.0	0.0	98.3	98.3	0.0	0.0	1.7	4.5
1991	11.3	5.1	0.0	0.0	95.4	95.4	0.0	0.0	4.6	13.8
1992	10.4	5.0	0.0	0.0	96.0	96.0	0.0	0.0	4.0	12.6
1993	10.8	0.9	0.0	0.0	100.0	100.0	0.0	0.0	0.0	62.8
1994	2.3	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	83.8
1995	0.0	0.0	0.0	0.0	93.6	93.6	0.0	0.0	6.4	98.8
1996	0.0	0.0	0.0	0.0	94.0	94.0	0.0	0.0	6.0	98.2
1997	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1998	95.2	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	35.3
1999	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
2000	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
2001	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
2002	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0

Appendix J

Table J-8

Characteristics of 1978 to 2003 A-5 Cars

MODEL YEAR	SALES (000)	FRAC	<---- LAB 55/45	FUEL ECONOMY ADJ CITY	ADJ HWY	----> ADJ 55/45	WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG
1990	2	0.000	21.5	16.3	21.9	18.4	4000	50.0	181	228	9.0	143	1.259	0.0569	36.8	920	1841
1991	3	0.000	21.9	16.3	22.8	18.7	4000	50.0	181	228	9.0	143	1.260	0.0567	37.4	936	1872
1992	6	0.001	20.1	15.3	20.2	17.2	4372	104.8	191	228	9.6	138	1.192	0.0522	37.5	1774	3932
1993	6	0.000	19.7	15.0	19.7	16.8	4941	114.6	193	228	10.6	133	1.180	0.0460	41.5	1912	4754
1994	5	0.000	22.8	16.9	24.1	19.5	4853	102.1	195	217	10.9	130	1.112	0.0446	47.4	1987	4895
1995	13	0.001	23.1	17.2	24.4	19.8	4500	109.6	195	217	10.2	134	1.113	0.0481	44.5	2170	4882
1996	9	0.001	23.1	17.2	24.4	19.8	4500	105.4	195	217	10.2	134	1.113	0.0480	44.6	2087	4695
1997	1	0.000	22.4	16.6	23.9	19.2	3000	50.0	151	201	7.9	148	1.331	0.0669	28.8	960	1440
1998	1	0.000	22.4	16.6	23.9	19.2	3000	50.0	151	201	7.9	148	1.331	0.0669	28.8	960	1440
1999	6	0.000	22.5	16.5	24.4	19.3	3239	62.0	178	246	7.2	161	1.378	0.0751	31.3	1198	1971
2000	5	0.000	23.0	16.9	24.7	19.7	3292	59.9	187	254	7.1	163	1.358	0.0767	32.3	1177	1955
2001	6	0.000	22.6	16.5	24.3	19.3	3338	62.5	192	276	6.8	170	1.423	0.0818	32.3	1205	2027

Percent of A-5 Cars:

MODEL YEAR	DRIVETRAIN FRONT	4WD	TRANSMISSION MANUAL	LOCK	FUEL METERING FI	PORT	TBI	CARB	DSL	FOUR VALVE
1990	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
1991	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
1992	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
1993	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
1994	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
1995	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
1996	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
1997	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
1998	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
1999	0.0	5.4	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
2000	0.0	6.7	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
2001	0.0	22.2	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0

Appendix J

Table J-9

Characteristics of 1978 to 2003 A-6 Cars

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->					WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45	CID			HP								
1998	0	0.000	13.3	9.9	14.0	11.4	3500	50.0	213	375	5.4	203	1.760	0.1060	20.0	570	998	
1999	1	0.000	13.9	10.3	14.8	11.9	3500	50.0	215	382	5.3	205	1.773	0.1075	21.0	599	1048	

Percent of A-6 Cars:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1998	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1999	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0

Appendix J

Table J-10 Characteristics of 1978 to 2003 L-3 Cars

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->					WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/CID	HP/WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45	CID			HP								
1978	749	0.052	17.2	13.3	16.9	14.7	4133	114.8	311	146	13.3	114	0.471	0.0352	30.4	1701	3486	
1979	869	0.063	18.5	14.4	17.9	15.8	3821	116.0	301	142	12.8	116	0.472	0.0373	30.2	1842	3507	
1980	1339	0.118	19.9	15.4	19.4	17.0	3759	117.5	270	120	14.5	109	0.449	0.0321	32.2	2020	3826	
1981	2261	0.214	22.4	17.4	21.8	19.1	3641	115.3	253	115	14.6	108	0.466	0.0316	35.1	2235	4086	
1982	3031	0.311	24.4	18.7	24.0	20.8	3265	111.6	204	105	14.4	107	0.549	0.0322	34.2	2358	3838	
1983	2832	0.275	24.4	18.8	24.0	20.8	3235	112.1	202	108	14.0	108	0.563	0.0331	33.9	2372	3803	
1984	3927	0.280	25.5	19.6	25.1	21.7	3184	111.1	190	106	14.0	108	0.594	0.0332	34.7	2447	3858	
1985	3203	0.222	26.8	20.6	26.5	22.9	3104	109.6	179	104	13.9	108	0.611	0.0333	35.6	2545	3913	
1986	2990	0.195	27.7	21.3	27.2	23.6	3022	107.5	167	100	14.0	108	0.633	0.0330	35.8	2572	3855	
1987	2679	0.180	29.1	22.5	28.4	24.8	2925	107.0	151	99	13.9	108	0.684	0.0335	36.4	2680	3896	
1988	3027	0.198	29.8	23.1	29.1	25.4	2866	105.8	140	101	13.5	109	0.736	0.0350	36.5	2710	3870	
1989	2467	0.171	30.0	23.1	29.4	25.6	2865	104.8	138	105	13.1	111	0.775	0.0365	36.7	2690	3848	
1990	1980	0.157	29.7	22.8	29.3	25.3	2913	104.1	139	111	12.7	113	0.814	0.0378	37.0	2647	3850	
1991	1765	0.140	29.1	22.3	28.9	24.9	2918	104.1	144	114	12.4	114	0.806	0.0388	36.3	2595	3783	
1992	1634	0.134	28.5	21.7	28.6	24.3	3003	104.0	151	123	11.9	117	0.833	0.0408	36.6	2541	3807	
1993	1421	0.108	28.4	21.6	28.7	24.3	3020	105.0	158	125	11.8	118	0.808	0.0414	36.7	2560	3858	
1994	899	0.064	30.2	23.2	29.7	25.8	2901	102.2	132	110	12.5	113	0.852	0.0380	37.4	2639	3824	
1995	893	0.059	31.3	24.1	30.7	26.7	2843	103.1	124	121	11.5	118	0.982	0.0426	38.0	2758	3917	
1996	671	0.051	31.6	24.6	30.7	27.0	2826	101.6	120	122	11.5	119	1.020	0.0431	38.1	2745	3875	
1997	611	0.042	31.3	24.5	30.0	26.7	2817	99.8	116	114	12.0	115	0.988	0.0405	37.6	2664	3752	
1998	438	0.030	31.3	24.0	30.8	26.7	2842	100.8	123	125	11.1	120	1.016	0.0440	38.0	2696	3824	
1999	359	0.024	31.6	24.5	30.6	27.0	2853	100.2	122	122	11.3	119	1.010	0.0429	38.6	2715	3862	
2000	505	0.031	31.2	24.2	30.2	26.6	2923	101.4	124	126	11.2	119	1.025	0.0433	38.9	2702	3944	
2001	289	0.019	32.7	25.5	31.4	27.9	2909	102.0	120	127	11.1	120	1.065	0.0437	40.7	2859	4150	
2002	88	0.006	36.0	28.6	33.4	30.6	2750	100.1	110	125	10.7	121	1.136	0.0454	42.1	3063	4211	

Percent of L-3 Cars:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING				FOUR	
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1978	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1979	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1980	2.0	0.0	0.0	100.0	0.0	0.0	0.0	91.7	8.3	0.0
1981	0.0	0.7	0.0	100.0	0.3	0.0	0.3	87.8	11.9	0.0
1982	33.0	0.7	0.0	100.0	17.7	2.0	15.7	77.1	5.2	0.0
1983	41.4	1.3	0.0	100.0	22.8	1.0	21.8	75.8	1.4	0.0
1984	51.2	1.0	0.0	100.0	37.5	6.5	31.0	61.8	0.7	0.0
1985	59.5	1.3	0.0	100.0	56.2	7.0	49.2	43.7	0.1	0.0
1986	72.1	0.0	0.0	100.0	71.5	9.7	61.8	28.5	0.0	0.0
1987	88.4	0.0	0.0	100.0	70.6	14.4	56.2	29.4	0.0	1.0
1988	97.7	0.0	0.0	100.0	84.1	25.3	58.8	15.9	0.0	6.4
1989	99.2	0.1	0.0	100.0	88.1	27.8	60.3	11.9	0.0	11.5
1990	99.9	0.1	0.0	100.0	98.1	42.1	56.0	1.9	0.0	19.4
1991	100.0	0.0	0.0	100.0	100.0	43.2	56.8	0.0	0.0	14.1
1992	100.0	0.0	0.0	100.0	100.0	79.2	20.8	0.0	0.0	16.9
1993	100.0	0.0	0.0	100.0	100.0	80.4	19.6	0.0	0.0	6.9
1994	100.0	0.0	0.0	100.0	100.0	78.3	21.7	0.0	0.0	13.3
1995	100.0	0.0	0.0	100.0	100.0	96.9	3.1	0.0	0.0	59.3
1996	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	52.9
1997	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	60.8
1998	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	62.0
1999	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	47.3
2000	94.5	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	57.4
2001	87.2	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	67.7
2002	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	100.0

Appendix J

Table J-11 Characteristics of 1978 to 2003 L-4 Cars

MODEL YEAR	SALES (000)	FRAC	FUEL ECONOMY			WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/CID	HP/WT	TON-MPG	CU-FT-MPG	CU-FT-TON-MPG	
			<---- LAB 55/45	ADJ CITY	ADJ HWY			----> ADJ 55/45	CID								HP
1980	219	0.019	19.3	14.5	20.0	16.5	3975	128.1	321	140	13.1	114	0.438	0.0355	32.8	2114	4220
1981	650	0.062	19.8	14.8	20.5	16.9	4001	132.8	297	140	13.3	114	0.471	0.0350	33.9	2247	4508
1982	986	0.101	20.2	15.1	20.9	17.3	4016	128.3	288	141	13.4	114	0.495	0.0352	34.9	2225	4495
1983	1708	0.166	21.4	16.0	22.0	18.3	3823	123.3	267	134	13.3	113	0.523	0.0352	35.1	2269	4333
1984	2295	0.164	21.9	16.4	22.5	18.7	3736	118.3	261	134	13.1	114	0.542	0.0359	35.1	2234	4173
1985	3127	0.216	23.1	17.3	23.9	19.8	3633	119.4	247	137	12.7	116	0.583	0.0377	36.0	2382	4319
1986	3400	0.221	25.0	18.6	26.1	21.4	3478	117.2	223	138	12.2	117	0.652	0.0395	37.2	2521	4378
1987	3702	0.249	25.3	18.9	26.3	21.6	3445	115.1	212	138	12.1	118	0.693	0.0399	37.3	2504	4305
1988	4069	0.266	25.8	19.2	26.8	22.0	3464	115.4	210	141	11.9	119	0.714	0.0405	38.2	2559	4429
1989	4475	0.310	25.7	19.2	26.8	22.0	3442	114.9	202	141	11.9	119	0.741	0.0410	37.9	2538	4368
1990	4441	0.352	25.8	19.3	26.9	22.1	3466	113.4	193	144	11.7	120	0.790	0.0416	38.3	2518	4356
1991	4503	0.358	26.4	19.7	27.3	22.5	3407	112.9	189	148	11.4	122	0.823	0.0430	38.4	2566	4352
1992	4559	0.375	26.1	19.4	27.3	22.3	3491	114.5	195	156	11.2	124	0.841	0.0442	39.0	2570	4473
1993	5077	0.384	26.9	20.1	28.0	23.0	3407	113.3	184	150	11.3	122	0.853	0.0436	39.3	2634	4461
1994	5748	0.411	26.7	19.9	27.9	22.9	3420	112.2	185	154	11.1	124	0.865	0.0446	39.1	2584	4395
1995	6772	0.447	27.2	20.2	28.5	23.2	3397	111.9	181	161	10.7	126	0.919	0.0468	39.5	2624	4426
1996	5895	0.449	27.2	20.2	28.5	23.3	3408	111.9	178	162	10.6	127	0.937	0.0471	39.6	2618	4441
1997	6394	0.442	27.6	20.5	28.9	23.6	3371	111.5	174	163	10.6	127	0.957	0.0477	39.8	2651	4445
1998	6261	0.433	27.9	20.8	29.2	23.9	3368	110.9	170	162	10.6	127	0.975	0.0476	40.4	2673	4477
1999	6740	0.441	27.7	20.7	28.9	23.7	3418	111.6	171	165	10.5	128	0.987	0.0479	40.6	2667	4538
2000	6874	0.415	27.9	20.9	29.0	23.9	3416	112.1	170	169	10.4	129	1.011	0.0490	40.8	2695	4584
2001	6236	0.400	28.4	21.3	29.4	24.3	3397	111.8	168	166	10.4	128	1.005	0.0483	41.4	2745	4634
2002	5908	0.376	28.5	21.4	29.3	24.3	3408	112.6	171	171	10.2	130	1.023	0.0498	41.7	2772	4694
2003	5541	0.346	29.1	21.9	29.8	24.9	3389	113.0	167	167	10.3	129	1.027	0.0488	42.3	2844	4787

Percent of L-4 Cars:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR VALVE
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	
1980	0.0	0.0	0.0	100.0	8.9	0.0	8.9	91.1	0.0	0.0
1981	0.0	0.0	0.0	100.0	10.4	0.0	10.4	89.6	0.0	0.0
1982	14.8	0.0	0.0	100.0	22.0	2.3	19.7	73.4	4.6	0.0
1983	17.5	0.0	0.0	100.0	43.6	6.6	37.0	54.5	1.9	0.0
1984	18.2	0.0	0.0	100.0	50.2	14.5	35.8	49.0	0.8	0.0
1985	42.4	1.3	0.0	100.0	59.9	28.5	31.5	39.6	0.5	0.0
1986	57.3	0.0	0.0	100.0	69.0	62.3	6.7	30.9	0.1	1.2
1987	62.2	0.0	0.0	100.0	81.2	69.6	11.6	18.8	0.0	8.2
1988	66.4	0.1	0.0	100.0	89.6	79.9	9.7	10.4	0.0	12.0
1989	72.0	0.3	0.0	100.0	95.0	84.2	10.8	5.0	0.0	12.2
1990	78.2	0.8	0.0	100.0	99.2	95.2	4.0	0.8	0.0	24.8
1991	76.9	1.2	0.0	100.0	100.0	91.9	8.1	0.0	0.0	27.6
1992	72.5	0.7	0.0	100.0	100.0	94.8	5.2	0.0	0.0	29.4
1993	80.2	1.3	0.0	100.0	100.0	96.3	3.7	0.0	0.0	36.5
1994	81.8	0.4	0.0	100.0	100.0	99.0	1.0	0.0	0.0	39.6
1995	80.5	1.1	0.0	100.0	100.0	100.0	0.0	0.0	0.0	47.6
1996	86.3	1.3	0.0	100.0	100.0	100.0	0.0	0.0	0.0	54.9
1997	87.5	1.5	0.0	100.0	100.0	100.0	0.0	0.0	0.0	55.4
1998	90.2	1.7	0.0	100.0	100.0	100.0	0.0	0.0	0.0	59.6
1999	90.5	2.3	0.0	100.0	100.0	100.0	0.0	0.0	0.0	61.0
2000	91.3	1.5	0.0	100.0	100.0	100.0	0.0	0.0	0.0	62.1
2001	92.4	1.4	0.0	100.0	99.9	99.9	0.0	0.0	0.1	60.9
2002	91.4	1.6	0.0	100.0	99.9	99.9	0.0	0.0	0.1	63.9
2003	90.7	2.1	0.0	100.0	99.7	99.7	0.0	0.0	0.3	65.6

Appendix J

Table J-12 Characteristics of 1978 to 2003 L-5 Cars

MODEL YEAR	SALES (000)	FRAC	<---- LAB 55/45	FUEL ADJ CITY	ECONOMY ADJ HWY	----> ADJ 55/45	WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG
1993	9	0.001	20.7	15.3	22.0	17.7	4249	116.2	243	280	8.0	156	1.152	0.0660	37.6	2058	4373
1994	22	0.002	21.8	16.0	23.5	18.7	4011	110.0	222	258	8.2	152	1.164	0.0642	37.5	2057	4123
1995	29	0.002	22.5	16.6	24.2	19.3	4301	110.8	233	271	8.3	152	1.167	0.0629	41.5	2139	4608
1996	26	0.002	22.1	16.3	23.4	18.9	4309	106.7	245	258	8.8	148	1.054	0.0590	40.6	2029	4358
1997	150	0.010	24.5	18.2	25.7	21.0	4027	107.3	217	236	9.0	144	1.097	0.0581	42.4	2276	4559
1998	261	0.018	25.3	18.9	26.2	21.6	3923	105.7	202	233	8.9	145	1.165	0.0589	42.6	2306	4512
1999	363	0.024	25.4	18.8	26.7	21.7	3826	106.2	187	223	9.1	143	1.214	0.0577	41.8	2327	4439
2000	622	0.038	24.7	18.3	25.9	21.1	3822	109.7	195	222	9.1	143	1.151	0.0576	40.5	2335	4441
2001	828	0.053	24.9	18.6	25.8	21.3	3792	108.3	185	220	9.0	143	1.210	0.0578	40.5	2318	4393
2002	955	0.061	25.5	19.0	26.5	21.8	3777	106.1	183	220	9.0	143	1.235	0.0580	41.3	2337	4398
2003	1502	0.094	27.0	20.2	28.1	23.1	3665	106.5	174	211	9.1	141	1.223	0.0572	42.7	2505	4561

Percent of L-5 Cars:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1993	0.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	100.0
1994	0.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	100.0
1995	0.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	98.0
1996	16.2	11.4	0.0	100.0	100.0	100.0	0.0	0.0	0.0	67.8
1997	2.0	5.4	0.0	100.0	98.2	98.2	0.0	0.0	1.8	93.7
1998	7.5	10.6	0.0	100.0	98.7	98.7	0.0	0.0	1.3	61.6
1999	17.3	11.7	0.0	100.0	98.7	98.7	0.0	0.0	1.3	44.2
2000	26.8	6.6	0.0	100.0	98.9	98.9	0.0	0.0	1.1	80.6
2001	31.8	13.1	0.0	100.0	100.0	100.0	0.0	0.0	0.0	65.3
2002	39.6	15.5	0.0	100.0	100.0	100.0	0.0	0.0	0.0	68.0
2003	58.4	8.3	0.0	100.0	100.0	100.0	0.0	0.0	0.0	76.8

Appendix J

Table J-13 Characteristics of 1978 to 2003 L-6 Cars

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45			CID	HP							
2000	0	0.000	14.5	10.5	16.0	12.4	3500	50.0	219	394	5.2	210	1.797	0.1114	21.7	620	1086
2001	0	0.000	14.5	10.5	16.0	12.4	3500	50.0	219	394	5.2	210	1.797	0.1109	21.7	620	1086
2002	21	0.001	22.9	16.9	24.5	19.6	4328	112.3	257	335	7.0	173	1.318	0.0779	43.4	2285	5020
2003	62	0.004	23.6	17.4	25.2	20.2	4082	105.9	226	298	7.5	164	1.337	0.0728	41.6	2166	4467

Percent of L-6 Cars:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
2000	0.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
2002	0.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	97.5
2003	5.3	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	93.8

Appendix J

Table J-14 Characteristics of 1979 to 2003 OTHER Vans

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->					WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45	CID		HP						
1984	0	0.000	32.4	25.9	30.0	27.6	2750	122	88	14.3	105	0.667	0.0000	37.9	
1987	2	0.000	18.4	15.6	15.5	15.5	4000	129	90	18.3	97	0.698	0.0224	31.1	
1989	0	0.000	18.6	15.7	15.7	15.7	4500	129	90	20.4	95	0.696	0.0157	35.3	
1990	0	0.000	18.5	15.7	15.6	15.6	4500	129	90	20.8	95	0.697	0.0168	35.2	

Percent of OTHER Vans:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1984	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1987	0.0	100.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1989	0.0	100.0	58.9	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1990	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0

Appendix J

Table J-15 Characteristics of 1979 to 2003 M-3 Vans

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->					WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45	CID		HP						
1979	40	0.003	17.3	14.1	15.7	14.8	4248	264	129	14.6	108	0.489	0.0298	31.6	
1980	29	0.003	19.0	15.1	17.7	16.1	4172	275	126	14.6	108	0.464	0.0301	33.7	
1981	20	0.002	19.9	15.9	18.4	16.9	4166	274	125	14.7	108	0.460	0.0294	35.3	
1982	12	0.001	20.1	16.1	18.4	17.1	4177	276	117	15.4	105	0.427	0.0276	35.6	
1983	11	0.001	19.9	15.9	18.4	17.0	4227	279	118	15.5	105	0.423	0.0269	35.8	
1984	14	0.001	20.7	16.6	19.0	17.6	4096	285	118	15.2	106	0.414	0.0281	36.1	
1985	7	0.000	20.8	16.8	18.7	17.6	4034	287	132	13.8	111	0.464	0.0320	35.6	
1986	5	0.000	20.9	17.0	18.7	17.7	4023	281	136	13.5	112	0.486	0.0322	35.7	
1987	1	0.000	20.6	16.6	18.8	17.5	4069	266	161	11.8	120	0.602	0.0364	35.6	

Percent of M-3 Vans:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1979	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1980	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1981	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1982	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1983	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1984	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1985	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1986	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1987	0.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0

Appendix J

Table J-16 Characteristics of 1979 to 2003 M-4 Vans

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45		CID	HP					
1979	31	0.002	15.0	12.0	13.7	12.7	4224	272	125	15.7	107	0.470	0.0285	27.2
1980	33	0.003	19.3	15.1	18.6	16.5	3938	207	94	18.1	99	0.476	0.0232	32.5
1981	34	0.003	19.5	15.5	18.2	16.6	4048	230	99	17.7	100	0.451	0.0237	33.8
1982	36	0.004	21.1	16.8	19.5	17.9	3927	208	92	18.8	98	0.463	0.0227	35.8
1983	34	0.003	20.1	15.8	19.1	17.1	3953	217	98	17.6	100	0.472	0.0238	34.0
1984	50	0.004	21.3	16.7	20.1	18.1	3774	196	100	16.4	102	0.559	0.0260	34.4
1985	31	0.002	22.5	17.9	20.9	19.2	3751	180	98	16.6	101	0.599	0.0256	36.1
1986	16	0.001	21.2	16.8	19.7	18.0	3799	191	102	16.1	102	0.581	0.0261	34.5
1987	13	0.001	20.0	15.9	18.5	17.0	3903	190	107	16.1	103	0.600	0.0263	33.2
1988	3	0.000	20.6	16.6	18.7	17.5	3885	172	111	15.8	105	0.664	0.0268	34.1
1989	3	0.000	21.5	17.5	19.2	18.3	4050	168	107	16.8	102	0.660	0.0249	37.0
1990	3	0.000	21.8	18.0	19.1	18.5	4000	129	90	18.9	97	0.697	0.0224	37.1
1991	0	0.000	18.5	15.7	15.7	15.7	4311	129	90	19.6	96	0.697	0.0186	33.8

Percent of M-4 Vans:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR VALVE
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	
1979	0.0	0.0	100.0	0.0	22.1	0.0	0.0	77.9	0.0	0.0
1980	0.0	0.0	100.0	0.0	38.7	0.0	0.0	61.3	0.0	0.0
1981	2.4	0.0	100.0	0.0	27.1	0.0	0.0	72.9	0.0	0.0
1982	0.0	0.0	100.0	0.0	20.7	0.0	0.0	63.8	15.6	0.0
1983	0.3	0.0	100.0	0.0	30.1	0.0	0.0	69.2	0.6	0.0
1984	17.7	0.0	100.0	0.0	31.6	0.0	0.0	68.0	0.4	0.0
1985	10.4	0.0	100.0	0.0	55.5	0.0	0.0	44.1	0.3	0.0
1986	6.5	0.0	100.0	0.0	55.4	40.4	15.0	44.2	0.4	0.0
1987	0.0	0.0	100.0	0.0	82.5	76.2	6.3	17.4	0.1	0.0
1988	0.0	0.0	100.0	0.0	99.4	70.3	29.1	0.0	0.6	0.0
1989	0.0	0.0	100.0	0.0	98.8	73.7	25.1	0.0	1.2	0.0
1990	0.0	6.6	6.6	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1991	0.0	100.0	62.2	0.0	100.0	100.0	0.0	0.0	0.0	0.0

Appendix J

Table J-17 Characteristics of 1979 to 2003 M-5 Vans

MODEL YEAR	SALES (000)	FRAC	FUEL ECONOMY				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			<--- LAB 55/45	ADJ CITY	ADJ HWY	---> ADJ 55/45		CID	HP					
1983	0	0.000	33.9	29.8	27.3	28.6	3198	97	49	24.7	87	0.502	0.0145	45.5
1984	41	0.003	27.8	21.6	26.7	23.7	3370	129	89	16.1	101	0.688	0.0263	39.9
1985	47	0.003	27.4	21.3	26.5	23.3	3301	128	95	15.1	104	0.743	0.0288	38.5
1986	68	0.004	26.0	20.2	25.0	22.1	3377	143	100	14.8	105	0.708	0.0298	37.4
1987	58	0.004	25.5	19.7	24.9	21.8	3408	147	108	14.3	107	0.737	0.0312	37.2
1988	39	0.003	24.6	18.8	24.6	21.0	3607	167	116	14.1	109	0.713	0.0317	38.1
1989	35	0.002	24.1	18.5	24.1	20.6	3673	170	120	13.9	109	0.724	0.0321	38.0
1990	19	0.002	25.2	19.4	24.9	21.5	3584	159	123	13.5	111	0.776	0.0336	38.8
1991	14	0.001	23.8	18.4	23.2	20.3	3719	146	117	14.4	108	0.802	0.0307	37.7
1992	19	0.002	26.3	20.2	25.7	22.4	3407	141	117	13.2	111	0.853	0.0336	38.1
1993	17	0.001	24.4	18.5	24.9	20.9	3723	156	118	14.2	108	0.762	0.0313	39.1
1994	7	0.000	25.9	19.7	26.0	22.1	3542	154	115	14.0	109	0.754	0.0315	39.2
1995	2	0.000	23.9	19.0	22.3	20.4	3942	138	119	14.7	109	0.872	0.0315	39.9
1996	0	0.000	28.3	22.3	26.7	24.1	3210	133	127	11.9	116	0.935	0.0161	38.7

Percent of M-5 Vans:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1983	24.2	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1984	70.9	0.0	100.0	0.0	29.1	0.0	0.0	68.9	1.9	0.0
1985	61.6	6.3	100.0	0.0	32.1	0.0	0.0	67.9	0.0	0.0
1986	31.1	19.7	100.0	0.0	37.5	33.1	4.4	59.6	2.9	0.0
1987	29.3	24.5	100.0	0.0	60.2	47.5	12.7	39.8	0.0	0.0
1988	31.8	20.3	100.0	0.0	100.0	63.1	36.9	0.0	0.0	0.0
1989	32.2	15.7	100.0	0.0	100.0	68.7	31.3	0.0	0.0	0.0
1990	56.8	12.7	100.0	0.0	100.0	64.9	35.1	0.0	0.0	0.0
1991	6.4	35.6	100.0	0.0	100.0	99.0	1.0	0.0	0.0	0.0
1992	67.5	11.3	100.0	0.0	100.0	78.6	21.4	0.0	0.0	0.0
1993	66.5	0.6	100.0	0.0	100.0	66.0	34.0	0.0	0.0	7.8
1994	68.5	7.0	100.0	0.0	100.0	48.1	51.9	0.0	0.0	9.9
1995	67.2	32.8	100.0	0.0	100.0	100.0	0.0	0.0	0.0	59.0
1996	58.1	41.9	100.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0

Appendix J

Table J-18 Characteristics of 1979 to 2003 A-3 Vans

MODEL YEAR	SALES (000)	FRAC	FUEL ECONOMY				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			<---- LAB 55/45	ADJ CITY	ADJ HWY	----> ADJ 55/45		CID	HP					
1979	377	0.027	13.0	10.7	11.6	11.1	4625	334	148	14.5	112	0.445	0.0320	25.9
1980	85	0.007	15.2	12.2	13.9	12.9	4657	315	137	15.5	108	0.436	0.0289	30.3
1981	77	0.007	16.0	12.9	14.5	13.6	4511	309	130	15.6	107	0.424	0.0287	30.8
1982	119	0.012	15.6	12.6	14.2	13.3	4518	314	135	15.2	108	0.431	0.0296	30.1
1983	110	0.011	15.7	12.7	14.3	13.4	4399	316	133	15.1	109	0.424	0.0301	29.6
1984	263	0.019	17.8	14.2	16.4	15.1	3962	249	127	14.5	109	0.548	0.0317	30.6
1985	365	0.025	19.2	15.5	17.6	16.4	3827	218	121	14.7	108	0.593	0.0313	31.9
1986	328	0.021	21.0	16.8	19.4	17.9	3843	204	115	15.2	106	0.597	0.0298	34.6
1987	286	0.019	19.3	15.4	17.8	16.4	4098	239	136	14.1	111	0.593	0.0328	34.1
1988	199	0.013	19.4	15.6	17.7	16.5	4172	247	139	14.2	112	0.577	0.0327	34.9
1989	262	0.018	20.8	16.7	19.1	17.7	3899	208	131	14.1	111	0.667	0.0332	35.0
1990	53	0.004	18.7	15.2	16.7	15.9	4326	260	151	13.5	115	0.615	0.0350	34.4
1991	19	0.002	17.3	14.2	15.2	14.6	4608	276	142	14.9	110	0.527	0.0306	33.7
1992	23	0.002	16.4	13.3	14.7	13.9	4897	306	174	13.4	118	0.564	0.0357	34.3
1993	24	0.002	16.6	13.5	15.0	14.1	5074	303	160	14.7	113	0.526	0.0317	35.9
1994	29	0.002	16.4	13.2	14.9	13.9	4956	307	175	13.5	118	0.568	0.0358	34.6
1995	27	0.002	16.3	13.2	14.7	13.8	5030	305	168	14.1	115	0.549	0.0338	34.9
1996	23	0.002	15.9	12.7	14.5	13.5	5066	305	170	14.1	116	0.554	0.0342	34.2
1997	5	0.000	16.0	12.8	14.7	13.6	4500	318	215	10.3	133	0.676	0.0477	30.6

Percent of A-3 Vans:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR VALVE
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	
1979	0.0	0.0	0.0	0.0	0.4	0.0	0.0	99.6	0.0	0.0
1980	0.0	0.0	0.0	0.0	3.2	0.0	0.0	96.8	0.0	0.0
1981	0.0	0.0	0.0	0.0	2.7	0.0	0.0	97.3	0.0	0.0
1982	0.0	0.0	0.0	0.0	1.4	0.0	0.0	98.6	0.0	0.0
1983	0.4	0.0	0.0	0.0	2.6	0.0	0.0	97.0	0.4	0.0
1984	39.7	0.0	0.0	0.0	2.1	0.0	0.0	97.5	0.5	0.0
1985	59.2	0.0	0.0	0.0	1.5	0.0	0.0	98.5	0.0	0.0
1986	66.3	0.0	0.0	0.0	0.9	0.9	0.0	99.1	0.0	0.0
1987	43.2	0.0	0.0	0.0	41.2	16.7	24.5	58.8	0.0	0.0
1988	38.1	0.0	0.0	0.0	98.7	29.9	68.8	1.3	0.0	0.0
1989	64.6	0.0	0.0	0.0	100.0	46.7	53.3	0.0	0.0	0.0
1990	16.3	6.7	0.0	0.0	100.0	70.3	29.7	0.0	0.0	0.0
1991	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1992	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1993	0.0	1.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1994	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1995	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1996	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1997	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0

Appendix J

Table J-19 Characteristics of 1979 to 2003 A-4 Vans

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->					WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45	CID		HP						
1990	6	0.000	14.5	11.4	13.7	12.4	4709	348	184	12.1	122	0.528	0.0379	29.1	
1991	3	0.000	14.4	11.4	13.4	12.2	4639	344	182	12.1	122	0.527	0.0365	28.4	
1992	1	0.000	13.6	10.7	12.8	11.5	4856	360	203	11.5	126	0.559	0.0372	28.0	

Percent of A-4 Vans:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR VALVE
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	
1990	0.0	0.0	0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0
1991	0.0	0.0	0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0
1992	0.0	0.0	0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0

Appendix J

Table J-20 Characteristics of 1979 to 2003 L-3 Vans

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45		CID	HP					
1979	33	0.002	14.7	12.0	13.0	12.4	4227	301	136	14.4	111	0.452	0.0320	26.6
1980	94	0.008	16.6	13.3	15.3	14.1	4283	296	139	14.2	111	0.471	0.0322	30.2
1981	114	0.011	17.6	14.1	16.3	15.0	4307	285	137	14.5	111	0.482	0.0316	32.4
1982	142	0.015	17.9	14.4	16.5	15.2	4315	285	142	14.3	112	0.493	0.0325	32.9
1983	26	0.003	19.7	15.9	17.8	16.7	4000	225	95	18.1	99	0.422	0.0236	33.5
1984	101	0.007	18.4	14.6	17.0	15.6	4208	266	131	14.9	109	0.499	0.0309	32.9
1985	150	0.010	17.2	13.8	15.6	14.6	4369	285	149	13.7	114	0.531	0.0339	32.0
1986	183	0.012	17.5	14.1	16.0	14.9	4365	288	146	13.9	113	0.518	0.0333	32.6
1987	228	0.015	22.0	17.3	20.8	18.7	3773	207	137	13.0	115	0.702	0.0367	35.5
1988	367	0.024	22.7	17.5	22.2	19.4	3853	194	143	12.6	116	0.760	0.0373	37.4
1989	111	0.008	20.9	16.4	19.9	17.8	3871	215	138	13.1	114	0.682	0.0359	34.7
1990	308	0.024	23.3	18.2	22.4	19.9	3789	186	125	14.1	110	0.677	0.0331	37.8
1991	225	0.018	23.5	18.5	22.2	20.0	3892	183	125	14.4	109	0.687	0.0319	39.2
1992	258	0.021	24.0	18.8	22.9	20.4	3902	179	128	14.0	111	0.718	0.0328	40.1
1993	274	0.021	24.6	19.1	23.9	21.0	3632	179	132	13.0	114	0.737	0.0365	38.1
1994	236	0.017	23.5	18.4	22.4	20.0	3761	185	138	12.9	115	0.745	0.0368	37.7
1995	226	0.015	24.4	19.0	23.4	20.8	3647	184	136	12.8	115	0.737	0.0374	38.0
1996	243	0.018	23.7	18.5	22.9	20.2	4042	182	153	12.5	118	0.845	0.0378	41.1
1997	204	0.014	23.5	18.2	22.7	20.0	4047	183	149	12.8	116	0.822	0.0367	40.7
1998	113	0.008	24.1	18.6	23.7	20.6	4059	173	153	12.5	117	0.898	0.0376	42.1
1999	78	0.005	23.7	18.4	22.9	20.2	4111	168	155	12.5	118	0.953	0.0377	42.0
2000	76	0.005	24.1	18.7	23.5	20.6	4097	165	155	12.5	118	0.961	0.0377	42.7
2001	39	0.002	23.0	18.2	21.7	19.6	4136	172	156	12.5	118	0.940	0.0377	41.1
2002	21	0.001	21.7	17.1	20.5	18.5	4209	182	159	12.4	118	0.907	0.0377	39.6
2003	7	0.000	17.7	14.5	15.7	15.1	4512	239	175	12.2	121	0.732	0.0386	34.0

Percent of L-3 Vans:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING				FOUR VALVE	
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB		DSL
1979	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1980	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1981	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1982	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1983	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1984	8.3	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1985	7.4	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1986	8.3	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1987	72.9	0.0	0.0	100.0	68.2	68.2	0.0	31.8	0.0	0.0
1988	87.8	0.0	0.0	100.0	100.0	87.8	12.2	0.0	0.0	0.0
1989	63.5	0.0	0.0	100.0	100.0	63.5	36.5	0.0	0.0	0.0
1990	90.1	0.0	0.0	100.0	100.0	30.6	69.4	0.0	0.0	0.0
1991	90.8	0.0	0.0	100.0	100.0	39.1	60.9	0.0	0.0	0.0
1992	94.0	0.0	0.0	100.0	100.0	63.0	37.0	0.0	0.0	0.0
1993	96.8	0.0	0.0	100.0	100.0	72.7	27.3	0.0	0.0	0.0
1994	86.0	0.0	0.0	100.0	100.0	72.7	27.3	0.0	0.0	0.0
1995	91.2	0.0	0.0	100.0	100.0	69.3	30.7	0.0	0.0	0.0
1996	90.2	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	12.9
1997	86.5	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	18.3
1998	88.4	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	43.6
1999	78.5	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	78.5
2000	81.2	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	81.2
2001	74.1	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	74.1
2002	62.1	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	62.1
2003	0.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0

Appendix J

Table J-21 Characteristics of 1979 to 2003 L-4 Vans

MODEL YEAR	SALES (000)	FRAC	FUEL ECONOMY				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			<--- LAB 55/45	ADJ CITY	ADJ HWY	---> ADJ 55/45		CID	HP					
1981	0	0.000	15.9	12.7	14.7	13.5	4500	302	142	14.4	111	0.457	0.0286	30.5
1983	201	0.020	18.2	14.3	17.3	15.5	4569	306	151	14.0	113	0.495	0.0329	35.8
1984	207	0.015	19.0	14.8	18.3	16.2	4363	276	136	14.8	110	0.517	0.0309	35.7
1985	255	0.018	19.9	15.4	19.2	16.9	4106	259	138	13.9	112	0.555	0.0336	35.2
1986	445	0.029	21.1	16.3	20.6	18.0	4064	234	134	14.1	111	0.593	0.0328	36.7
1987	526	0.035	21.0	16.2	20.5	17.9	4053	237	151	12.8	117	0.665	0.0372	36.3
1988	524	0.034	20.7	15.9	20.5	17.7	4182	251	155	12.8	117	0.641	0.0371	37.0
1989	867	0.060	21.2	16.2	21.0	18.1	4144	234	153	12.8	117	0.681	0.0369	37.6
1990	872	0.069	20.8	15.9	20.6	17.7	4196	238	158	12.6	118	0.686	0.0376	37.5
1991	772	0.061	21.0	16.1	20.8	17.9	4196	229	156	12.7	117	0.708	0.0372	37.8
1992	919	0.076	21.0	16.1	20.8	17.9	4217	234	159	12.6	118	0.702	0.0376	37.9
1993	1127	0.085	21.4	16.3	21.4	18.3	4205	226	161	12.4	119	0.733	0.0383	38.5
1994	1123	0.080	21.3	16.3	21.3	18.2	4221	232	163	12.3	119	0.720	0.0386	38.6
1995	1406	0.093	21.6	16.4	21.8	18.5	4166	237	162	12.2	120	0.707	0.0389	38.6
1996	1143	0.087	22.1	16.7	22.4	18.9	4211	227	174	11.7	123	0.783	0.0415	39.8
1997	1038	0.072	21.9	16.6	22.1	18.7	4277	226	179	11.6	124	0.801	0.0418	40.0
1998	1374	0.095	22.6	17.1	23.1	19.3	4193	221	182	11.2	126	0.835	0.0435	40.6
1999	1385	0.091	22.2	16.8	22.7	19.0	4318	226	184	11.4	125	0.825	0.0426	41.1
2000	1613	0.097	22.7	17.2	23.1	19.4	4284	219	184	11.3	125	0.853	0.0430	41.7
2001	1199	0.077	23.2	17.5	23.5	19.8	4375	219	195	10.9	128	0.903	0.0448	43.5
2002	1072	0.068	22.7	17.3	22.9	19.4	4376	221	194	11.0	128	0.890	0.0444	42.6
2003	1055	0.066	23.0	17.5	23.3	19.7	4448	226	199	10.9	128	0.889	0.0448	43.9

Percent of L-4 Vans:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING				DSL	FOUR VALVE
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB		
1981	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1983	0.0	0.0	0.0	100.0	0.0	0.0	0.0	91.9	8.1	0.0
1984	0.0	0.0	0.0	100.0	15.9	0.0	0.0	81.1	3.0	0.0
1985	0.1	0.0	0.0	100.0	16.2	0.1	0.0	82.8	1.0	0.0
1986	0.1	0.0	0.0	100.0	81.0	44.0	37.0	18.6	0.4	0.0
1987	0.0	0.9	0.0	100.0	99.8	50.9	48.9	0.0	0.2	0.0
1988	0.0	0.2	0.0	100.0	99.8	45.0	54.8	0.0	0.2	0.0
1989	21.7	0.4	0.0	100.0	99.9	60.4	39.5	0.0	0.1	0.0
1990	33.6	8.8	0.0	100.0	99.9	67.1	32.8	0.0	0.1	0.0
1991	24.5	13.9	0.0	100.0	99.9	69.1	30.8	0.0	0.1	0.0
1992	32.5	7.1	0.0	100.0	99.9	73.6	26.4	0.0	0.1	0.0
1993	39.2	5.8	0.0	100.0	100.0	80.3	19.7	0.0	0.0	0.6
1994	47.5	8.1	0.0	100.0	100.0	82.4	17.6	0.0	0.0	1.7
1995	57.7	10.7	0.0	100.0	100.0	90.0	10.0	0.0	0.0	4.1
1996	71.8	2.9	0.0	100.0	100.0	100.0	0.0	0.0	0.0	3.0
1997	61.9	4.9	0.0	100.0	100.0	100.0	0.0	0.0	0.0	2.8
1998	77.5	3.5	0.0	100.0	100.0	100.0	0.0	0.0	0.0	7.7
1999	75.8	2.9	0.0	100.0	100.0	100.0	0.0	0.0	0.0	8.7
2000	80.6	2.8	0.0	100.0	100.0	100.0	0.0	0.0	0.0	18.9
2001	83.8	2.6	0.0	100.0	100.0	100.0	0.0	0.0	0.0	20.8
2002	78.2	4.1	0.0	100.0	100.0	100.0	0.0	0.0	0.0	10.7
2003	71.6	12.4	0.0	100.0	100.0	100.0	0.0	0.0	0.0	7.9

Appendix J

Table J-22 Characteristics of 1979 to 2003 L-5 Vans

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->					WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45	CID		HP						
1997	17	0.001	20.4	15.5	20.4	17.4	4236	244	160	12.5	118	0.656	0.0379	36.8	
2002	214	0.014	23.2	17.4	24.1	19.9	4506	208	227	9.9	137	1.092	0.0506	44.8	
2003	231	0.014	22.9	17.3	23.5	19.6	4536	207	222	10.2	135	1.072	0.0493	44.6	

Percent of L-5 Vans:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1997	0.0	47.3	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
2002	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	100.0
2003	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	100.0

Appendix J

Table J-23 Characteristics of 1979 to 2003 OTHER SUVs

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->					WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45	CID		HP						
1983	1	0.000	13.7	10.6	13.3	11.6	5000	318	160	14.3	113	0.502	0.0318	29.1	
2002	17	0.001	27.3	21.2	26.6	23.3	3500	134	140	11.9	118	1.045	0.0399	40.8	
2003	46	0.003	27.1	21.1	26.3	23.1	3500	134	140	11.9	118	1.045	0.0400	40.5	

Percent of OTHER SUVs:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING				FOUR	
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1983	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
2002	40.8	59.2	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
2003	26.8	73.2	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0

Appendix J

Table J-24 Characteristics of 1979 to 2003 M-3 SUVs

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45		CID	HP					
1979	83	0.006	16.6	13.8	14.4	14.0	3272	276	120	12.6	113	0.436	0.0368	23.0
1980	19	0.002	15.6	12.5	14.1	13.2	4780	310	140	15.2	108	0.450	0.0284	31.7
1981	9	0.001	16.5	13.4	14.9	14.0	4693	304	131	15.6	106	0.430	0.0269	33.1
1982	9	0.001	16.3	13.1	14.9	13.9	4657	307	136	15.1	108	0.442	0.0284	32.4
1983	8	0.001	17.5	14.0	16.0	14.8	4705	308	137	15.0	108	0.446	0.0286	35.2
1984	4	0.000	15.6	12.2	15.0	13.3	5066	311	161	14.0	113	0.517	0.0316	33.8
1985	12	0.001	16.9	13.6	15.5	14.4	4793	306	150	14.2	111	0.489	0.0309	34.8
1986	9	0.001	16.7	13.4	15.4	14.2	4884	307	146	14.8	109	0.474	0.0294	34.9
1987	6	0.000	16.4	13.1	15.0	13.9	5047	314	164	13.9	114	0.521	0.0314	35.3
1988	3	0.000	15.6	12.3	14.6	13.3	5098	340	192	12.5	121	0.562	0.0359	33.9
1989	3	0.000	15.8	12.6	14.7	13.4	5111	326	174	13.5	116	0.530	0.0326	34.5
1990	1	0.000	14.9	11.7	14.2	12.7	5203	343	199	12.2	122	0.577	0.0354	33.1
1991	0	0.000	15.0	11.9	13.9	12.7	5000	348	207	11.4	126	0.589	0.0380	31.9
1992	19	0.002	21.2	16.6	20.2	18.0	3500	242	190	9.3	136	0.785	0.0542	31.5

Percent of M-3 SUVs:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR VALVE
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	
1979	0.0	97.7	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1980	0.0	84.2	100.0	0.0	0.0	0.0	0.0	98.3	1.7	0.0
1981	0.0	96.7	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1982	0.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1983	0.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1984	0.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1985	0.0	100.0	100.0	0.0	14.2	0.0	0.0	85.8	0.0	0.0
1986	0.0	100.0	100.0	0.0	33.9	33.9	0.0	66.1	0.0	0.0
1987	0.0	100.0	100.0	0.0	90.0	51.0	39.0	10.0	0.0	0.0
1988	0.0	100.0	100.0	0.0	96.1	12.3	83.8	3.9	0.0	0.0
1989	0.0	100.0	100.0	0.0	100.0	40.7	59.3	0.0	0.0	0.0
1990	0.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0
1991	0.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0
1992	0.0	100.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0

Appendix J

Table J-25 Characteristics of 1979 to 2003 M-4 SUVs

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->					WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45	CID		HP						
1979	50	0.004	12.4	10.1	11.1	10.5	4888	322	153	14.5	111	0.478	0.0308	25.9	
1980	61	0.005	19.1	15.4	17.2	16.2	3184	222	95	14.9	104	0.462	0.0297	26.1	
1981	47	0.004	20.1	16.0	18.7	17.1	3293	235	105	14.0	107	0.467	0.0322	28.3	
1982	28	0.003	19.5	15.4	18.2	16.6	3634	245	107	15.0	105	0.472	0.0296	30.4	
1983	47	0.005	20.7	16.4	19.4	17.6	3403	212	106	14.5	107	0.538	0.0309	30.2	
1984	83	0.006	20.6	16.3	19.2	17.5	3603	204	105	15.2	105	0.555	0.0291	31.8	
1985	58	0.004	22.0	17.3	20.7	18.7	3529	158	95	16.2	102	0.629	0.0265	33.4	
1986	27	0.002	21.6	17.2	20.1	18.4	3616	198	114	14.1	108	0.609	0.0313	33.8	
1987	18	0.001	20.1	15.9	18.8	17.1	3872	193	118	14.5	107	0.638	0.0300	34.6	
1988	1	0.000	27.1	21.6	25.0	23.0	3348	150	117	13.0	111	0.779	0.0334	38.5	
1992	16	0.001	22.1	17.1	21.3	18.8	3484	239	188	9.3	136	0.788	0.0537	32.8	

Percent of M-4 SUVs:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1979	0.0	55.3	100.0	0.0	0.0	0.0	0.0	98.5	1.5	0.0
1980	0.0	100.0	100.0	0.0	0.0	0.0	0.0	93.4	6.6	0.0
1981	0.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1982	0.0	98.0	100.0	0.0	0.0	0.0	0.0	91.8	8.2	0.0
1983	0.0	93.9	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1984	0.0	95.5	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1985	0.0	88.3	100.0	0.0	9.0	0.0	0.0	91.0	0.0	0.0
1986	0.0	84.8	100.0	0.0	53.0	0.0	53.0	47.0	0.0	0.0
1987	0.0	79.1	100.0	0.0	74.2	6.4	67.8	25.8	0.0	0.0
1988	0.0	69.7	100.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0
1992	0.0	67.7	100.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0

Appendix J

Table J-26 Characteristics of 1979 to 2003 M-5 SUVs

MODEL YEAR	SALES (000)	FRAC	FUEL ECONOMY				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			<--- LAB 55/45	ADJ CITY	ADJ HWY	----> ADJ 55/45		CID	HP					
1982	10	0.001	20.2	15.7	19.6	17.2	3062	244	105	13.3	109	0.436	0.0342	26.5
1983	38	0.004	21.6	16.7	21.2	18.5	3495	203	110	14.1	108	0.563	0.0316	32.6
1984	96	0.007	22.5	17.3	22.0	19.2	3468	180	105	14.5	106	0.598	0.0305	33.2
1985	135	0.009	22.2	17.0	22.0	19.0	3564	169	106	14.7	106	0.636	0.0298	33.9
1986	252	0.016	24.0	18.9	22.7	20.5	3409	150	107	14.4	107	0.725	0.0312	35.0
1987	297	0.020	24.1	19.0	22.7	20.5	3274	157	111	13.7	109	0.729	0.0335	33.6
1988	318	0.021	23.8	18.8	22.4	20.3	3315	159	114	13.5	110	0.742	0.0341	33.5
1989	239	0.017	22.3	17.5	21.2	19.0	3589	178	126	13.2	112	0.730	0.0350	34.2
1990	209	0.017	22.4	17.7	21.0	19.0	3497	172	124	13.1	112	0.750	0.0352	33.3
1991	239	0.019	22.0	17.4	20.7	18.7	3739	186	140	12.7	116	0.766	0.0372	35.0
1992	190	0.016	22.2	17.5	20.9	18.9	3700	176	133	12.9	114	0.776	0.0358	34.9
1993	212	0.016	22.3	17.6	20.9	19.0	3641	186	149	11.8	120	0.811	0.0407	34.6
1994	246	0.018	21.8	17.3	20.4	18.6	3632	182	147	12.0	119	0.815	0.0402	33.7
1995	278	0.018	22.0	17.6	20.2	18.7	3535	169	140	12.1	118	0.840	0.0396	33.0
1996	141	0.011	23.7	18.7	22.2	20.1	3588	174	146	11.8	119	0.876	0.0404	36.1
1997	285	0.020	23.1	18.3	21.5	19.6	3537	176	149	11.4	121	0.866	0.0422	34.8
1998	210	0.015	23.1	18.3	21.5	19.6	3586	177	153	11.4	122	0.894	0.0425	35.5
1999	179	0.012	23.2	18.4	21.7	19.8	3666	176	154	11.4	121	0.913	0.0417	36.5
2000	160	0.010	22.6	18.0	21.1	19.3	3778	181	155	11.6	121	0.900	0.0409	36.6
2001	146	0.009	23.8	18.8	22.3	20.2	3711	168	157	11.3	122	0.975	0.0422	38.0
2002	206	0.013	23.2	18.2	22.1	19.8	3858	176	167	11.2	124	0.980	0.0430	38.4
2003	165	0.010	23.7	18.6	22.5	20.2	3782	178	168	10.9	125	0.977	0.0444	38.5

Percent of M-5 SUVs:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING				FOUR	
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1982	0.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1983	0.0	90.4	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1984	0.0	92.7	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1985	0.0	94.7	100.0	0.0	13.1	0.0	0.0	86.2	0.6	0.0
1986	0.0	97.4	100.0	0.0	42.8	27.3	15.5	55.2	2.0	0.0
1987	0.0	96.7	100.0	0.0	53.1	33.2	19.9	46.8	0.1	0.0
1988	0.0	91.7	100.0	0.0	63.3	50.4	12.9	36.7	0.0	0.0
1989	0.0	86.8	100.0	0.0	85.2	51.3	33.9	14.8	0.0	0.0
1990	0.0	88.6	100.0	0.0	89.2	54.9	34.3	10.8	0.0	0.0
1991	0.0	78.5	100.0	0.0	99.2	70.5	28.8	0.8	0.0	0.0
1992	0.0	69.9	100.0	0.0	98.4	66.0	32.5	1.6	0.0	0.0
1993	0.0	74.6	100.0	0.0	98.5	84.8	13.7	1.5	0.0	0.0
1994	0.0	73.1	100.0	0.0	100.0	83.5	16.5	0.0	0.0	11.3
1995	0.1	79.2	100.0	0.0	100.0	92.0	8.0	0.0	0.0	20.1
1996	2.9	59.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	52.9
1997	2.9	70.3	100.0	0.0	100.0	100.0	0.0	0.0	0.0	51.2
1998	2.9	74.4	100.0	0.0	100.0	100.0	0.0	0.0	0.0	50.4
1999	2.4	75.5	100.0	0.0	100.0	100.0	0.0	0.0	0.0	47.8
2000	1.6	76.8	100.0	0.0	100.0	100.0	0.0	0.0	0.0	40.8
2001	11.9	68.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	53.4
2002	9.7	67.8	100.0	0.0	100.0	100.0	0.0	0.0	0.0	54.0
2003	12.7	68.6	100.0	0.0	100.0	100.0	0.0	0.0	0.0	49.5

Appendix J

Table J-27 Characteristics of 1979 to 2003 A-3 SUVs

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45		CID	HP					
1979	265	0.019	11.7	9.7	10.1	9.9	4823	349	149	14.9	111	0.432	0.0309	23.9
1980	56	0.005	13.7	11.1	12.4	11.6	4496	326	140	14.6	110	0.429	0.0310	26.2
1981	24	0.002	14.2	11.5	12.8	12.1	4743	326	142	15.0	109	0.439	0.0298	28.6
1982	45	0.005	15.7	12.9	13.7	13.3	4178	281	129	14.6	109	0.472	0.0311	27.5
1983	47	0.005	16.2	13.2	14.4	13.7	4116	276	126	14.6	109	0.476	0.0311	28.0
1984	173	0.012	16.4	13.1	15.0	13.9	4141	258	128	14.8	109	0.517	0.0307	29.1
1985	88	0.006	14.2	11.4	13.0	12.0	4717	337	165	13.4	116	0.492	0.0348	28.5
1986	53	0.003	14.5	11.6	13.4	12.3	4653	337	158	13.8	114	0.469	0.0336	28.8
1987	58	0.004	14.6	11.6	13.4	12.4	4604	327	152	14.0	113	0.464	0.0329	28.6
1988	61	0.004	14.9	11.8	13.9	12.7	4649	331	160	13.6	115	0.484	0.0343	29.5
1989	60	0.004	14.5	11.6	13.4	12.3	4610	330	162	13.4	116	0.488	0.0349	28.5
1990	14	0.001	15.9	12.7	14.6	13.5	3991	307	128	14.3	110	0.418	0.0318	27.0
1991	11	0.001	16.4	13.1	15.1	14.0	3847	283	167	11.3	125	0.625	0.0446	27.0
1992	6	0.001	16.1	13.4	14.0	13.7	3500	242	190	9.3	136	0.785	0.0541	24.0
1993	8	0.001	18.0	14.8	16.0	15.3	3500	242	190	9.3	136	0.785	0.0542	26.8
1994	25	0.002	22.1	18.1	19.5	18.7	3500	134	118	13.7	110	0.881	0.0337	32.8

Percent of A-3 SUVs:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1979	0.0	63.7	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1980	0.0	99.7	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1981	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1982	0.0	72.5	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1983	0.0	71.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1984	0.0	92.5	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1985	0.0	81.2	0.0	0.0	0.0	0.0	0.0	99.6	0.4	0.0
1986	0.0	91.9	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1987	0.0	93.2	0.0	0.0	11.9	11.9	0.0	88.1	0.0	0.0
1988	0.0	95.6	0.0	0.0	56.9	39.8	17.1	43.1	0.0	0.0
1989	0.0	94.7	0.0	0.0	62.1	36.8	25.3	37.9	0.0	0.0
1990	0.0	100.0	0.0	0.0	0.7	0.7	0.0	99.3	0.0	0.0
1991	0.0	100.0	0.0	0.0	65.3	65.3	0.0	34.7	0.0	0.0
1992	0.0	100.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1993	0.0	100.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1994	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0

Appendix J

Table J-28 Characteristics of 1979 to 2003 A-4 SUVs

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->					WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45	CID		HP						
1987	15	0.001	21.0	17.6	18.2	17.8	3500	156	109	14.6	107	0.699	0.0310	31.2	
1988	7	0.000	20.1	16.8	17.3	17.0	3500	156	109	14.6	107	0.699	0.0310	29.8	
1989	9	0.001	19.4	16.1	16.8	16.4	4000	181	143	13.0	115	0.790	0.0357	32.8	
1990	13	0.001	15.5	12.2	14.7	13.2	4728	312	169	13.1	117	0.557	0.0357	31.5	
1991	5	0.000	15.8	12.5	14.8	13.4	4748	313	169	13.1	117	0.550	0.0353	32.0	
1992	0	0.000	13.0	10.3	12.2	11.1	5000	357	193	12.3	122	0.536	0.0355	27.7	
1997	22	0.002	25.9	20.8	23.7	22.0	3000	149	142	10.4	125	0.953	0.0473	33.1	

Percent of A-4 SUVs:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING				FOUR	
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1987	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1988	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1989	0.0	100.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1990	0.0	54.6	0.0	0.0	100.0	9.0	91.0	0.0	0.0	0.0
1991	0.0	56.6	0.0	0.0	100.0	6.9	93.1	0.0	0.0	0.0
1992	0.0	91.2	0.0	0.0	100.0	6.9	93.1	0.0	0.0	0.0
1997	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0

Appendix J

Table J-29 Characteristics of 1979 to 2003 L-3 SUVs

MODEL YEAR	SALES (000)	FRAC	FUEL ECONOMY				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			<---- LAB 55/45	ADJ CITY	ADJ HWY	----> ADJ 55/45		CID	HP					
1979	2	0.000	13.1	10.8	11.5	11.1	4720	340	152	14.3	112	0.446	0.0308	26.3
1980	48	0.004	14.4	11.4	13.4	12.2	5042	342	161	14.3	113	0.470	0.0316	30.9
1981	56	0.005	16.0	12.7	14.9	13.6	4659	318	149	14.3	112	0.468	0.0317	31.8
1982	25	0.003	16.7	13.2	15.8	14.2	4284	313	135	14.5	110	0.435	0.0314	30.7
1983	26	0.003	15.7	12.5	14.6	13.4	4280	330	135	14.5	110	0.410	0.0315	28.9
1984	51	0.004	20.8	17.0	18.7	17.7	3364	174	104	14.7	106	0.607	0.0310	29.7
1985	63	0.004	20.6	16.6	18.7	17.5	3441	166	105	14.9	106	0.632	0.0304	30.2
1986	83	0.005	20.0	16.3	17.9	17.0	3549	178	117	13.9	109	0.669	0.0329	30.2
1987	24	0.002	17.9	14.5	16.3	15.2	4114	212	141	13.4	113	0.702	0.0344	31.3
1988	5	0.000	17.6	13.9	16.8	15.0	4500	318	145	14.2	112	0.456	0.0320	33.8
1989	17	0.001	29.6	24.7	25.7	25.1	2500	97	80	14.3	104	0.825	0.0319	31.4
1990	14	0.001	28.7	23.9	24.9	24.3	2750	97	80	15.4	102	0.825	0.0290	33.5
1991	46	0.004	22.5	19.0	19.2	19.1	3269	133	88	16.3	101	0.681	0.0270	31.3
1992	34	0.003	22.1	18.8	18.6	18.7	3146	128	94	15.0	104	0.748	0.0299	29.6
1993	37	0.003	22.0	18.7	18.5	18.6	3145	128	94	15.0	104	0.749	0.0300	29.5
1994	36	0.003	24.2	19.8	21.4	20.5	2849	132	108	13.2	112	0.832	0.0369	29.5
1995	45	0.003	24.1	19.8	21.4	20.5	2870	130	113	12.5	114	0.893	0.0386	29.9
1996	18	0.001	27.4	22.7	23.9	23.2	2736	97	95	13.3	108	0.979	0.0346	31.8
1997	37	0.003	20.7	16.5	19.0	17.6	3335	188	147	11.4	122	0.808	0.0436	29.5
1998	32	0.002	20.4	16.4	18.6	17.3	3300	191	150	11.2	123	0.812	0.0447	28.8
1999	31	0.002	18.8	15.0	17.5	16.0	3915	226	171	11.2	124	0.758	0.0434	31.3
2000	37	0.002	19.1	15.2	17.7	16.2	3934	230	173	11.1	125	0.755	0.0438	31.9
2001	28	0.002	18.9	15.2	17.3	16.1	3951	233	175	11.0	126	0.753	0.0442	31.8
2002	27	0.002	18.8	15.1	17.3	16.0	3928	229	184	10.6	129	0.805	0.0466	31.4

Percent of L-3 SUVs:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR VALVE
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	
1979	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1980	0.0	63.9	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1981	0.0	77.2	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1982	0.0	95.6	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1983	0.0	99.9	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1984	0.0	100.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1985	0.0	94.8	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1986	0.0	84.3	0.0	100.0	13.8	0.0	13.8	86.2	0.0	0.0
1987	0.0	77.1	0.0	100.0	77.2	0.0	77.2	22.8	0.0	0.0
1988	0.0	0.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	0.0
1989	0.0	100.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	0.0
1990	0.0	100.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	0.0
1991	0.0	33.1	0.0	100.0	100.0	0.0	100.0	0.0	0.0	0.0
1992	0.0	28.8	0.0	100.0	100.0	0.0	100.0	0.0	0.0	0.0
1993	0.0	25.0	0.0	100.0	100.0	5.0	95.0	0.0	0.0	0.0
1994	0.0	68.6	0.0	100.0	100.0	42.2	57.8	0.0	0.0	7.6
1995	0.0	81.9	0.0	100.0	100.0	82.5	17.5	0.0	0.0	0.0
1996	0.0	61.2	0.0	100.0	100.0	100.0	0.0	0.0	0.0	100.0
1997	0.0	92.3	0.0	100.0	100.0	100.0	0.0	0.0	0.0	19.5
1998	0.0	89.8	0.0	100.0	100.0	100.0	0.0	0.0	0.0	23.4
1999	0.0	97.6	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
2000	0.0	98.9	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
2001	0.0	100.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
2002	0.0	100.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0

Appendix J

Table J-30 Characteristics of 1979 to 2003 L-4 SUVs

MODEL YEAR	SALES (000)	FRAC	FUEL ECONOMY				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			<--- LAB 55/45	ADJ CITY	ADJ HWY	---> ADJ 55/45		CID	HP					
1982	43	0.004	19.4	14.9	19.0	16.5	5287	336	146	16.3	108	0.437	0.0276	44.9
1983	122	0.012	20.2	15.5	20.0	17.2	4549	256	131	15.7	107	0.545	0.0287	39.6
1984	217	0.015	20.1	15.4	20.0	17.2	4406	241	130	15.3	108	0.567	0.0294	38.0
1985	379	0.026	20.6	15.7	20.7	17.6	4164	218	123	15.3	107	0.586	0.0294	36.7
1986	348	0.023	19.2	14.8	19.0	16.4	4266	233	140	13.9	112	0.643	0.0332	34.9
1987	454	0.031	20.1	15.3	20.0	17.1	4089	228	152	12.8	117	0.689	0.0374	34.9
1988	571	0.037	19.7	15.2	19.4	16.8	4071	240	158	12.3	119	0.679	0.0394	34.2
1989	597	0.041	19.8	15.3	19.3	16.9	4168	263	168	11.9	122	0.652	0.0409	35.1
1990	456	0.036	19.0	14.5	18.8	16.2	4315	259	171	12.1	122	0.679	0.0403	34.8
1991	794	0.063	19.9	15.2	19.7	17.0	4215	247	167	12.0	121	0.687	0.0400	35.8
1992	737	0.061	19.2	14.7	19.0	16.4	4260	247	176	11.7	123	0.723	0.0418	34.9
1993	1053	0.080	19.4	14.8	19.3	16.6	4301	257	188	11.2	127	0.743	0.0443	35.6
1994	1278	0.091	19.2	14.7	18.9	16.4	4392	256	187	11.4	126	0.746	0.0431	36.0
1995	1494	0.099	19.1	14.6	18.9	16.3	4431	257	184	11.6	125	0.734	0.0421	36.2
1996	1730	0.132	19.7	15.1	19.6	16.8	4356	260	189	11.2	127	0.741	0.0437	36.7
1997	1807	0.125	19.6	15.1	19.3	16.8	4467	259	197	11.1	128	0.786	0.0442	37.4
1998	1927	0.133	19.7	15.1	19.6	16.8	4446	256	197	11.0	128	0.795	0.0443	37.5
1999	2226	0.146	19.9	15.3	19.6	16.9	4477	252	204	10.8	130	0.843	0.0456	37.9
2000	2555	0.154	19.9	15.3	19.5	17.0	4514	250	205	10.8	130	0.850	0.0455	38.2
2001	2730	0.175	20.5	15.8	20.0	17.5	4462	235	209	10.6	131	0.926	0.0470	38.9
2002	2848	0.181	20.4	15.7	20.1	17.4	4569	239	224	10.2	135	0.963	0.0490	39.8
2003	2570	0.161	20.8	15.9	20.6	17.7	4605	237	224	10.3	134	0.973	0.0488	40.7

Percent of L-4 SUVs:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING				FOUR	
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1982	0.0	55.6	0.0	100.0	0.0	0.0	0.0	47.7	52.3	0.0
1983	0.0	70.8	0.0	100.0	0.0	0.0	0.0	84.1	15.9	0.0
1984	0.0	67.8	0.0	100.0	0.0	0.0	0.0	93.3	6.7	0.0
1985	0.0	71.0	0.0	100.0	3.9	0.0	0.0	93.5	2.5	0.0
1986	0.0	77.2	0.0	100.0	70.9	32.4	38.4	27.2	1.9	0.0
1987	0.0	74.1	0.0	100.0	99.3	39.3	60.0	0.0	0.7	0.0
1988	0.0	78.4	0.0	100.0	99.5	47.9	51.6	0.0	0.5	0.0
1989	0.0	78.8	0.0	100.0	99.6	45.5	54.1	0.0	0.4	0.0
1990	0.0	81.6	0.0	100.0	99.6	63.4	36.1	0.0	0.4	0.0
1991	0.0	78.3	0.0	100.0	99.8	60.0	39.8	0.0	0.2	0.0
1992	0.0	74.1	0.0	100.0	100.0	76.8	23.2	0.0	0.0	0.0
1993	0.0	57.5	0.0	100.0	100.0	88.6	11.4	0.0	0.0	0.0
1994	0.0	78.5	0.0	100.0	100.0	88.2	11.8	0.0	0.0	6.8
1995	0.0	79.1	0.0	100.0	100.0	84.6	15.4	0.0	0.0	15.3
1996	0.8	72.1	0.0	100.0	100.0	100.0	0.0	0.0	0.0	12.6
1997	1.2	73.4	0.0	100.0	100.0	100.0	0.0	0.0	0.0	23.2
1998	2.1	74.2	0.0	100.0	100.0	100.0	0.0	0.0	0.0	23.2
1999	3.2	66.4	0.0	100.0	100.0	100.0	0.0	0.0	0.0	28.9
2000	3.0	68.2	0.0	100.0	100.0	100.0	0.0	0.0	0.0	27.6
2001	10.1	60.7	0.0	100.0	100.0	100.0	0.0	0.0	0.0	43.1
2002	9.4	61.4	0.0	100.0	100.0	100.0	0.0	0.0	0.0	50.1
2003	13.5	62.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	49.5

Appendix J

Table J-31 Characteristics of 1979 to 2003 L-5 SUVs

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45		CID	HP					
1997	294	0.020	20.1	15.4	20.0	17.2	4469	244	160	13.0	116	0.656	0.0358	38.4
1998	406	0.028	20.5	15.8	20.2	17.5	4310	239	166	12.3	120	0.701	0.0385	37.7
1999	394	0.026	20.6	15.8	20.2	17.5	4337	240	187	11.3	126	0.782	0.0429	38.0
2000	386	0.023	20.5	15.7	20.2	17.5	4422	240	187	11.5	125	0.781	0.0422	38.6
2001	424	0.027	20.0	15.3	19.9	17.1	4499	241	223	10.0	135	0.937	0.0498	38.6
2002	692	0.044	18.9	14.3	19.0	16.1	4592	250	228	10.1	136	0.923	0.0497	37.4
2003	974	0.061	20.4	15.5	20.3	17.4	4657	243	229	10.2	135	0.959	0.0492	40.5

Percent of L-5 SUVs:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1997	0.0	65.2	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
1998	0.0	53.5	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
1999	0.0	54.8	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
2000	0.0	53.7	0.0	100.0	100.0	100.0	0.0	0.0	0.0	13.8
2001	0.0	73.3	0.0	100.0	100.0	100.0	0.0	0.0	0.0	22.0
2002	2.4	80.3	0.0	100.0	100.0	100.0	0.0	0.0	0.0	18.9
2003	1.1	77.8	0.0	100.0	100.0	100.0	0.0	0.0	0.0	48.7

Appendix J

Table J-32 **Characteristics of 1979 to 2003 OTHER Pickup Trucks**

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45		CID	HP					
1983	6	0.001	15.6	12.3	14.5	13.2	4498	280	132	15.9	108	0.464	0.0281	30.2
1996	1	0.000	15.5	11.9	15.3	13.2	5385	346	227	11.3	129	0.653	0.0390	35.5

Percent of OTHER Pickup Trucks:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1983	0.0	59.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1996	0.0	77.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0

Appendix J

Table J-33 **Characteristics of 1979 to 2003 M-3 Pickup Trucks**

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45		CID	HP					
1979	230	0.017	17.7	14.4	16.0	15.1	4181	272	127	14.6	108	0.469	0.0303	31.7
1980	267	0.024	17.5	13.9	16.1	14.8	4282	293	135	14.2	110	0.464	0.0314	32.1
1981	221	0.021	19.2	15.3	17.7	16.3	4126	285	127	14.4	109	0.449	0.0307	33.9
1982	151	0.016	18.7	15.0	17.2	15.9	4145	289	128	14.4	109	0.445	0.0307	33.3
1983	125	0.012	18.9	15.1	17.3	16.0	4269	296	129	14.6	108	0.438	0.0301	34.5
1984	86	0.006	19.6	15.6	18.3	16.7	4259	289	129	14.7	108	0.445	0.0300	35.7
1985	165	0.011	18.2	14.7	16.6	15.5	4352	302	141	13.8	112	0.469	0.0323	34.1
1986	170	0.011	18.5	14.9	16.8	15.7	4329	299	137	14.2	110	0.459	0.0314	34.1
1987	119	0.008	17.7	14.3	16.0	15.0	4454	303	155	13.1	115	0.512	0.0347	33.6
1988	67	0.004	17.9	14.4	16.3	15.2	4462	311	164	12.6	118	0.527	0.0363	34.1
1989	72	0.005	17.7	14.3	16.0	15.0	4559	307	157	13.3	115	0.511	0.0340	34.6
1990	27	0.002	16.6	13.2	15.4	14.2	4671	316	169	12.8	118	0.532	0.0348	33.5
1991	14	0.001	16.8	13.5	15.5	14.3	4644	314	171	12.6	118	0.543	0.0345	33.8
1992	5	0.000	18.1	14.8	16.1	15.4	4556	300	150	13.6	113	0.498	0.0316	35.1
1993	3	0.000	18.7	15.3	16.7	15.9	4555	300	159	13.1	115	0.527	0.0327	36.3

Percent of M-3 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR VALVE
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	
1979	0.0	9.7	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1980	0.0	32.2	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1981	0.0	24.9	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1982	0.0	32.5	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1983	0.0	41.8	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1984	0.0	23.3	100.0	0.0	0.0	0.0	0.0	98.7	1.3	0.0
1985	0.0	54.3	100.0	0.0	5.2	0.0	0.0	94.2	0.6	0.0
1986	0.0	51.0	100.0	0.0	17.9	17.9	0.0	81.7	0.4	0.0
1987	0.0	54.8	100.0	0.0	93.5	71.4	22.2	6.2	0.2	0.0
1988	0.0	49.2	100.0	0.0	97.4	55.1	42.4	1.5	1.0	0.0
1989	0.0	55.8	100.0	0.0	99.4	74.8	24.6	0.0	0.6	0.0
1990	0.0	67.4	100.0	0.0	98.7	42.1	56.6	0.0	1.3	0.0
1991	0.0	62.1	100.0	0.0	98.2	44.1	54.1	0.0	1.8	0.0
1992	0.0	55.3	100.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1993	0.0	56.4	100.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0

Appendix J

Table J-34 Characteristics of 1979 to 2003 M-4 Pickup Trucks

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45		CID	HP					
1979	527	0.038	17.8	14.5	16.5	15.4	3692	220	118	14.3	108	0.592	0.0313	28.8
1980	377	0.033	23.2	18.3	21.7	19.7	3104	156	92	14.9	104	0.643	0.0296	31.0
1981	355	0.034	24.6	19.4	23.2	20.9	3253	190	98	14.8	105	0.567	0.0299	34.2
1982	327	0.034	25.5	20.1	24.2	21.7	3166	181	101	14.0	107	0.601	0.0320	34.5
1983	409	0.040	26.5	20.9	24.9	22.5	3035	159	92	14.6	104	0.606	0.0303	34.4
1984	460	0.033	22.9	18.1	21.5	19.5	3412	192	101	14.9	105	0.563	0.0296	33.7
1985	316	0.022	26.4	20.7	25.2	22.5	3135	180	102	13.8	107	0.606	0.0325	35.5
1986	294	0.019	26.6	20.9	25.2	22.7	3206	181	104	13.8	108	0.617	0.0327	36.6
1987	276	0.019	26.1	20.5	24.8	22.2	3235	182	109	13.5	109	0.629	0.0337	36.2
1988	110	0.007	26.2	21.2	23.7	22.2	2947	146	106	12.7	111	0.723	0.0360	32.9
1989	57	0.004	25.6	20.7	23.2	21.7	2955	157	107	12.6	111	0.698	0.0364	32.0
1990	51	0.004	26.0	20.8	23.9	22.1	2988	156	110	12.5	112	0.721	0.0370	33.0
1991	5	0.000	20.3	15.9	19.4	17.3	4271	249	143	13.6	113	0.604	0.0320	36.6
1992	45	0.004	18.9	14.5	18.9	16.2	4312	279	161	12.6	118	0.575	0.0365	34.9
1993	24	0.002	17.7	13.7	17.2	15.1	4813	313	190	12.0	123	0.605	0.0382	36.6
1994	17	0.001	17.4	13.6	16.7	14.8	4946	326	198	11.8	124	0.608	0.0390	37.0
1995	11	0.001	17.6	13.6	17.2	15.0	4961	331	199	11.7	124	0.603	0.0391	37.4

Percent of M-4 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR VALVE
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	
1979	0.0	29.9	100.0	0.0	0.0	0.0	0.0	99.9	0.1	0.0
1980	5.5	28.8	100.0	0.0	3.1	0.0	0.0	94.4	2.5	0.0
1981	4.8	22.7	100.0	0.0	1.4	0.0	0.0	93.7	4.9	0.0
1982	4.8	15.9	100.0	0.0	0.4	0.0	0.0	93.9	5.7	0.0
1983	1.1	16.7	100.0	0.0	0.1	0.0	0.0	96.4	3.5	0.0
1984	0.4	27.0	100.0	0.0	0.0	0.0	0.0	98.1	1.9	0.0
1985	0.0	10.1	100.0	0.0	20.6	0.0	0.0	78.7	0.7	0.0
1986	0.0	9.0	100.0	0.0	35.3	4.6	30.7	64.2	0.5	0.0
1987	0.0	7.3	100.0	0.0	63.9	22.3	41.7	35.9	0.2	0.0
1988	0.0	0.8	100.0	0.0	41.7	3.2	38.5	58.3	0.0	0.0
1989	0.0	6.6	100.0	0.0	19.2	6.2	13.0	80.8	0.0	0.0
1990	0.0	5.5	100.0	0.0	38.4	33.5	4.9	61.6	0.0	0.0
1991	0.0	59.6	100.0	0.0	82.5	65.9	16.6	17.4	0.1	0.0
1992	0.0	46.1	100.0	0.0	99.2	57.2	42.1	0.0	0.8	0.0
1993	0.0	67.6	100.0	0.0	100.0	19.7	80.3	0.0	0.0	0.0
1994	0.0	74.7	100.0	0.0	100.0	11.4	88.6	0.0	0.0	0.0
1995	0.0	68.9	100.0	0.0	100.0	11.3	88.7	0.0	0.0	0.0

Appendix J

Table J-35 Characteristics of 1979 to 2003 M-5 Pickup Trucks

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45		CID	HP					
1979	124	0.009	22.7	17.5	22.1	19.4	2810	132	89	14.2	105	0.675	0.0318	27.8
1980	200	0.018	25.5	20.0	24.2	21.7	2788	129	91	13.9	106	0.704	0.0326	30.6
1981	254	0.024	28.7	22.7	26.9	24.4	2867	134	85	15.2	103	0.632	0.0297	35.8
1982	298	0.031	28.0	22.2	26.1	23.8	2955	139	88	15.1	103	0.634	0.0298	35.9
1983	383	0.037	27.0	21.2	25.6	23.0	3059	144	94	14.5	105	0.659	0.0308	35.6
1984	575	0.041	26.8	21.1	25.4	22.8	3069	141	92	14.8	104	0.657	0.0301	35.4
1985	590	0.041	26.3	20.8	24.8	22.4	3109	146	100	14.0	107	0.682	0.0320	35.1
1986	1013	0.066	26.1	20.5	24.7	22.2	3133	143	101	14.0	107	0.705	0.0323	34.9
1987	859	0.058	26.1	20.4	24.9	22.2	3127	147	103	13.9	108	0.697	0.0328	34.9
1988	1076	0.070	24.6	19.2	23.6	21.0	3382	181	115	13.6	110	0.658	0.0338	35.7
1989	1040	0.072	23.8	18.6	22.8	20.2	3495	189	122	13.2	112	0.674	0.0348	35.5
1990	763	0.060	23.7	18.5	22.8	20.2	3540	193	130	12.7	114	0.708	0.0367	36.0
1991	983	0.078	24.4	19.0	23.5	20.8	3439	186	127	12.7	114	0.707	0.0367	36.0
1992	816	0.067	23.8	18.5	23.0	20.3	3585	193	130	12.8	114	0.704	0.0363	36.5
1993	852	0.065	24.1	18.6	23.4	20.5	3548	187	131	12.6	114	0.723	0.0369	36.6
1994	1030	0.074	24.3	18.9	23.4	20.7	3632	184	132	12.8	114	0.745	0.0364	37.9
1995	889	0.059	23.7	18.4	23.0	20.2	3781	197	139	12.6	115	0.752	0.0370	38.6
1996	677	0.052	24.4	18.9	23.7	20.8	3739	187	142	12.4	116	0.794	0.0379	39.2
1997	609	0.042	24.7	19.1	24.0	21.0	3777	189	149	12.1	118	0.809	0.0391	40.1
1998	662	0.046	24.4	18.9	23.7	20.8	3759	184	150	12.0	119	0.833	0.0396	39.6
1999	446	0.029	23.7	18.3	23.0	20.2	3800	192	156	11.7	120	0.822	0.0406	38.7
2000	435	0.026	23.5	18.3	22.5	20.0	3822	192	159	11.6	121	0.841	0.0414	38.5
2001	303	0.019	22.9	17.9	22.0	19.5	3911	199	164	11.5	122	0.844	0.0417	38.5
2002	275	0.017	22.3	17.4	21.3	19.0	4060	212	182	10.9	127	0.870	0.0445	38.7
2003	282	0.018	23.0	18.0	22.1	19.6	4004	200	172	11.2	124	0.878	0.0427	39.6

Percent of M-5 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING				FOUR	
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1979	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1980	2.1	3.8	100.0	0.0	0.8	0.0	0.0	97.9	1.3	0.0
1981	6.5	19.5	100.0	0.0	1.7	0.0	0.0	73.3	25.0	0.0
1982	3.0	27.1	100.0	0.0	0.7	0.0	0.0	77.0	22.3	0.0
1983	3.3	31.0	100.0	0.0	0.1	0.0	0.0	92.5	7.4	0.0
1984	1.2	30.0	100.0	0.0	2.6	0.0	0.0	93.3	4.1	0.0
1985	0.0	35.2	100.0	0.0	20.1	0.0	0.0	78.0	1.9	0.0
1986	0.0	28.7	100.0	0.0	41.0	19.1	21.9	58.2	0.8	0.0
1987	0.0	28.2	100.0	0.0	43.4	22.9	20.5	56.2	0.4	0.0
1988	0.0	29.1	100.0	0.0	72.7	45.1	27.6	27.3	0.0	0.0
1989	0.0	28.2	100.0	0.0	85.5	48.9	36.6	14.5	0.0	0.0
1990	0.0	27.4	100.0	0.0	90.8	68.3	22.5	9.2	0.0	0.0
1991	0.0	21.8	100.0	0.0	94.5	56.6	37.9	5.5	0.0	0.0
1992	0.0	23.0	100.0	0.0	93.1	63.3	29.9	6.9	0.0	0.0
1993	0.0	24.2	100.0	0.0	95.5	73.9	21.6	4.5	0.0	0.0
1994	0.0	25.0	100.0	0.0	98.0	88.9	9.1	2.0	0.0	0.2
1995	0.0	23.0	100.0	0.0	100.0	84.8	15.2	0.0	0.0	8.0
1996	0.0	21.5	100.0	0.0	100.0	100.0	0.0	0.0	0.0	14.5
1997	0.0	19.2	100.0	0.0	100.0	100.0	0.0	0.0	0.0	1.3
1998	0.0	25.4	100.0	0.0	100.0	100.0	0.0	0.0	0.0	25.1
1999	0.0	29.4	100.0	0.0	100.0	100.0	0.0	0.0	0.0	20.4
2000	0.0	24.6	100.0	0.0	100.0	100.0	0.0	0.0	0.0	22.3
2001	0.0	25.9	100.0	0.0	100.0	100.0	0.0	0.0	0.0	30.7
2002	0.0	31.7	100.0	0.0	100.0	100.0	0.0	0.0	0.0	42.6
2003	0.0	32.3	100.0	0.0	100.0	100.0	0.0	0.0	0.0	40.0

Appendix J

Table J-36 Characteristics of 1979 to 2003 A-3 Pickup Trucks

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45		CID	HP					
1979	1297	0.093	14.0	11.6	12.3	11.9	4448	331	149	14.2	113	0.456	0.0336	27.1
1980	277	0.025	17.3	14.0	15.5	14.7	3944	278	129	14.1	110	0.492	0.0325	29.1
1981	207	0.020	17.6	14.2	16.0	15.0	3968	287	125	14.5	109	0.455	0.0314	29.9
1982	196	0.020	17.1	13.9	15.3	14.5	3987	292	129	14.1	110	0.459	0.0323	29.3
1983	239	0.023	17.9	14.4	16.3	15.2	3705	248	116	14.6	108	0.501	0.0310	28.7
1984	297	0.021	17.1	13.8	15.6	14.6	3855	269	130	14.1	111	0.501	0.0333	28.4
1985	268	0.019	16.5	13.4	14.9	14.0	4106	306	154	12.8	117	0.507	0.0371	29.1
1986	236	0.015	17.7	14.3	15.9	15.0	4023	288	145	13.3	115	0.516	0.0357	30.5
1987	200	0.013	16.7	13.5	15.2	14.2	4318	303	157	13.0	117	0.522	0.0362	30.9
1988	199	0.013	16.8	13.5	15.3	14.3	4441	309	168	12.5	119	0.546	0.0378	31.9
1989	101	0.007	16.0	12.9	14.6	13.6	4501	318	170	12.6	119	0.533	0.0375	30.9
1990	47	0.004	16.4	13.3	14.9	14.0	4323	328	183	11.6	125	0.565	0.0419	31.5

Percent of A-3 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR VALVE
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	
1979	0.0	7.5	0.0	0.0	0.0	0.0	0.0	95.8	4.2	0.0
1980	0.6	15.9	0.0	0.0	0.6	0.0	0.0	99.4	0.0	0.0
1981	0.0	10.5	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1982	3.7	14.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1983	5.7	18.6	0.0	0.0	0.1	0.0	0.0	99.8	0.1	0.0
1984	1.2	30.9	0.0	0.0	0.0	0.0	0.0	99.5	0.5	0.0
1985	0.0	22.4	0.0	0.0	2.3	0.0	0.0	97.5	0.2	0.0
1986	0.0	19.7	0.0	0.0	8.9	8.9	0.0	91.0	0.1	0.0
1987	0.0	25.5	0.0	0.0	66.0	44.4	21.6	34.0	0.0	0.0
1988	0.0	31.0	0.0	0.0	98.0	44.5	53.5	2.0	0.0	0.0
1989	0.0	37.7	0.0	0.0	100.0	56.4	43.6	0.0	0.0	0.0
1990	0.0	12.2	0.0	0.0	100.0	2.5	97.5	0.0	0.0	0.0

Appendix J

Table J-37 Characteristics of 1979 to 2003 A-4 Pickup Trucks

MODEL YEAR	SALES (000)	FRAC	<--- FUEL ECONOMY --->				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45		CID	HP					
1981	6	0.001	26.5	21.5	23.9	22.5	2750	144	98	13.1	109	0.681	0.0355	30.9
1982	42	0.004	19.6	15.2	19.2	16.7	3715	262	131	13.2	113	0.525	0.0352	31.0
1983	9	0.001	26.6	22.0	23.1	22.5	2788	144	99	13.1	109	0.685	0.0353	31.4
1984	27	0.002	24.6	20.6	21.0	20.8	2809	144	100	13.1	110	0.694	0.0355	29.3
1985	38	0.003	25.1	21.0	21.6	21.3	3018	144	107	13.2	110	0.741	0.0352	32.3
1986	47	0.003	23.4	19.7	19.9	19.8	3133	144	107	13.4	110	0.745	0.0346	31.3
1987	72	0.005	26.1	21.4	23.2	22.2	3040	142	103	13.7	109	0.725	0.0339	34.0
1988	53	0.003	24.7	20.4	21.5	20.9	3112	142	108	13.4	110	0.765	0.0350	32.9
1989	34	0.002	27.1	22.0	24.2	23.0	3024	141	109	13.0	111	0.773	0.0360	34.9
1990	32	0.003	17.8	14.2	16.4	15.1	4047	259	153	12.5	117	0.635	0.0375	31.4
1991	27	0.002	20.0	16.2	18.1	17.0	3683	213	135	12.7	115	0.684	0.0365	31.9
1992	16	0.001	24.8	20.3	22.1	21.1	3105	156	118	12.5	114	0.767	0.0375	33.0
1993	16	0.001	26.3	21.2	24.0	22.3	3000	144	112	12.6	113	0.778	0.0373	33.5
1994	25	0.002	26.3	21.1	24.0	22.3	3000	144	112	12.6	113	0.778	0.0373	33.5
1995	20	0.001	26.3	21.2	23.8	22.3	3000	147	132	11.1	121	0.897	0.0441	33.5
1996	26	0.002	25.9	20.8	23.7	22.0	3000	149	142	10.4	125	0.953	0.0473	33.0
1998	37	0.003	26.5	21.3	24.1	22.5	3000	149	142	10.4	125	0.953	0.0473	33.8
1999	24	0.002	26.5	21.3	24.1	22.5	3000	149	142	10.4	125	0.953	0.0473	33.8
2000	21	0.001	26.2	21.2	23.7	22.3	3000	149	142	10.4	125	0.953	0.0473	33.4
2001	21	0.001	26.0	21.1	23.4	22.1	3213	149	142	11.0	122	0.953	0.0444	35.5
2002	13	0.001	26.9	21.6	24.7	22.9	3276	149	142	11.2	121	0.953	0.0435	37.5
2003	15	0.001	26.9	21.6	24.7	22.9	3254	149	142	11.1	122	0.953	0.0439	37.2

Percent of A-4 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING				DSL	FOUR VALVE
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB		
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	17.1	0.0	0.0	82.9	0.0	0.0
1985	0.0	0.0	0.0	0.0	28.4	0.0	0.0	71.6	0.0	0.0
1986	0.0	0.0	0.0	0.0	33.5	33.5	0.0	66.5	0.0	0.0
1987	0.0	5.3	0.0	0.0	9.7	9.7	0.0	90.3	0.0	0.0
1988	0.0	7.2	0.0	0.0	54.3	54.3	0.0	45.7	0.0	0.0
1989	0.0	4.9	0.0	0.0	61.9	61.9	0.0	38.1	0.0	0.0
1990	0.0	37.1	0.0	0.0	100.0	37.7	62.3	0.0	0.0	0.0
1991	0.0	28.4	0.0	0.0	100.0	61.7	38.3	0.0	0.0	0.0
1992	0.0	3.9	0.0	0.0	100.0	96.0	4.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1994	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
1995	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	68.2
1996	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
1998	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
1999	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
2000	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
2001	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
2002	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0
2003	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0

Appendix J

Table J-38 Characteristics of 1979 to 2003 L-3 Pickup Trucks

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45		CID	HP					
1979	29	0.002	16.2	13.1	14.6	13.7	4000	290	132	14.2	111	0.454	0.0330	27.5
1980	315	0.028	17.0	13.6	15.7	14.5	4469	313	142	14.4	111	0.458	0.0319	33.0
1981	343	0.032	18.3	14.6	17.0	15.6	4221	290	139	14.0	112	0.483	0.0329	33.1
1982	275	0.028	20.1	15.9	18.9	17.1	3768	245	130	13.6	112	0.545	0.0345	32.2
1983	119	0.012	19.0	15.0	17.8	16.1	4100	277	139	13.9	113	0.503	0.0336	33.1
1984	193	0.014	18.5	14.7	17.2	15.7	4164	276	137	14.1	111	0.502	0.0327	32.8
1985	234	0.016	17.8	14.2	16.3	15.1	4204	279	147	13.4	114	0.536	0.0350	31.8
1986	206	0.013	18.0	14.5	16.5	15.3	4155	279	146	13.3	114	0.534	0.0350	31.8
1987	134	0.009	20.0	15.8	18.7	17.0	3751	251	125	14.0	111	0.502	0.0333	32.0
1988	99	0.006	19.5	15.4	18.3	16.6	3825	247	123	14.3	109	0.512	0.0321	31.8
1989	40	0.003	19.4	15.6	17.8	16.5	3835	230	117	15.0	107	0.533	0.0303	31.7
1990	24	0.002	18.7	15.2	16.9	15.9	3919	242	132	14.1	111	0.556	0.0332	31.3
1991	13	0.001	17.0	13.5	15.9	14.5	4272	294	156	12.9	117	0.531	0.0365	31.0
1992	5	0.000	18.1	14.6	16.5	15.4	4043	239	127	14.5	109	0.531	0.0309	31.1
1993	4	0.000	18.5	15.0	16.8	15.8	4039	239	127	14.5	109	0.531	0.0309	31.8

Percent of L-3 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR VALVE
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	
1979	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1980	0.0	17.8	0.0	100.0	0.0	0.0	0.0	84.8	15.2	0.0
1981	0.0	10.4	0.0	100.0	0.0	0.0	0.0	93.8	6.2	0.0
1982	0.0	5.9	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1983	0.0	3.0	0.0	100.0	0.2	0.0	0.0	99.2	0.6	0.0
1984	0.0	1.1	0.0	100.0	0.1	0.0	0.0	99.8	0.1	0.0
1985	0.0	0.1	0.0	100.0	2.5	0.0	2.5	97.5	0.0	0.0
1986	0.0	3.8	0.0	100.0	3.3	0.0	3.3	96.7	0.0	0.0
1987	0.0	21.6	0.0	100.0	4.9	0.0	4.9	95.1	0.0	0.0
1988	0.0	13.1	0.0	100.0	100.0	0.0	100.0	0.0	0.0	0.0
1989	0.0	0.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	0.0
1990	0.0	0.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	0.0
1991	0.0	0.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	0.0
1992	0.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0

Appendix J

Table J-39 Characteristics of 1979 to 2003 L-4 Pickup Trucks

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45		CID	HP					
1981	53	0.005	18.0	13.8	18.0	15.4	4030	302	142	13.2	114	0.470	0.0352	31.0
1982	150	0.015	20.2	15.8	19.2	17.2	4713	324	149	14.6	112	0.465	0.0319	41.0
1983	337	0.033	20.2	15.6	19.5	17.2	4134	274	138	13.9	112	0.524	0.0335	35.8
1984	405	0.029	19.8	15.3	19.4	16.9	4115	268	135	14.0	111	0.521	0.0327	34.9
1985	465	0.032	20.5	15.7	20.2	17.5	3913	244	131	13.8	111	0.558	0.0334	34.2
1986	564	0.037	20.2	15.7	19.7	17.3	3966	248	140	13.2	114	0.593	0.0354	34.2
1987	485	0.033	20.5	15.7	20.3	17.5	3855	240	149	12.5	118	0.644	0.0383	33.7
1988	855	0.056	19.6	15.1	19.3	16.7	4091	279	164	12.1	121	0.606	0.0399	34.2
1989	886	0.061	19.4	15.0	19.0	16.6	4108	284	167	12.0	122	0.599	0.0406	34.0
1990	890	0.071	19.1	14.6	18.8	16.3	4266	290	170	12.2	121	0.601	0.0399	34.7
1991	877	0.070	19.6	15.0	19.3	16.7	4139	282	167	12.0	121	0.607	0.0404	34.7
1992	953	0.078	19.1	14.6	19.0	16.3	4306	288	168	12.3	120	0.594	0.0392	35.1
1993	1103	0.084	19.3	14.8	19.2	16.5	4337	287	176	11.9	122	0.622	0.0405	35.9
1994	1518	0.109	19.3	14.8	19.0	16.4	4353	291	184	11.5	125	0.645	0.0423	35.8
1995	1350	0.089	18.7	14.3	18.5	15.9	4457	296	186	11.6	124	0.642	0.0417	35.6
1996	1251	0.095	19.2	14.7	19.1	16.4	4458	288	199	11.1	128	0.702	0.0443	36.6
1997	1744	0.121	19.3	14.7	19.2	16.5	4651	291	213	10.8	131	0.740	0.0457	38.3
1998	1656	0.115	19.4	14.8	19.5	16.6	4535	282	208	10.8	130	0.749	0.0456	37.6
1999	2008	0.131	19.2	14.7	18.9	16.3	4675	286	218	10.7	132	0.768	0.0464	38.1
2000	2093	0.126	19.9	15.3	19.5	17.0	4472	270	213	10.6	132	0.798	0.0473	37.9
2001	1980	0.127	19.0	14.6	18.7	16.2	4741	287	229	10.4	134	0.803	0.0481	38.5
2002	1915	0.122	18.8	14.5	18.4	16.0	4875	291	240	10.2	136	0.826	0.0491	39.0
2003	1788	0.112	19.0	14.7	18.7	16.2	4873	289	241	10.2	137	0.839	0.0493	39.6

Percent of L-4 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR VALVE
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	
1981	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1982	0.0	19.3	0.0	100.0	0.0	0.0	0.0	58.0	42.0	0.0
1983	0.0	20.1	0.0	100.0	0.0	0.0	0.0	91.7	8.3	0.0
1984	0.0	23.3	0.0	100.0	0.0	0.0	0.0	95.0	5.0	0.0
1985	0.0	29.6	0.0	100.0	24.9	0.0	0.1	72.8	2.3	0.0
1986	0.0	31.8	0.0	100.0	68.8	46.6	22.2	30.1	1.1	0.0
1987	0.1	28.0	0.0	100.0	94.2	28.5	65.7	5.2	0.5	0.0
1988	0.0	31.9	0.0	100.0	98.3	26.6	71.8	1.2	0.5	0.0
1989	0.0	30.2	0.0	100.0	98.2	24.9	73.3	1.5	0.4	0.0
1990	0.0	29.7	0.0	100.0	98.7	44.8	53.9	1.0	0.3	0.0
1991	0.0	27.6	0.0	100.0	99.0	38.5	60.5	0.7	0.3	0.0
1992	0.0	28.5	0.0	100.0	99.4	52.5	46.9	0.4	0.2	0.0
1993	0.0	29.8	0.0	100.0	99.7	51.6	48.1	0.3	0.0	0.0
1994	0.0	33.7	0.0	100.0	100.0	54.9	45.1	0.0	0.0	0.0
1995	0.0	39.8	0.0	100.0	100.0	59.5	40.5	0.0	0.0	3.0
1996	0.0	34.1	0.0	100.0	99.7	99.7	0.0	0.0	0.3	3.7
1997	0.0	39.9	0.0	100.0	99.9	99.9	0.0	0.0	0.1	1.3
1998	0.0	38.6	0.0	100.0	99.9	99.9	0.0	0.0	0.1	4.1
1999	0.0	48.6	0.0	100.0	100.0	100.0	0.0	0.0	0.0	4.0
2000	0.0	40.7	0.0	100.0	100.0	100.0	0.0	0.0	0.0	10.2
2001	0.0	41.3	0.0	100.0	100.0	100.0	0.0	0.0	0.0	10.0
2002	0.0	47.9	0.0	100.0	100.0	100.0	0.0	0.0	0.0	12.7
2003	0.0	47.2	0.0	100.0	100.0	100.0	0.0	0.0	0.0	12.8

Appendix J

Table J-40 Characteristics of 1979 to 2003 L-5 Pickup Trucks

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45		CID	HP					
1997	52	0.004	21.1	16.1	20.9	18.0	3974	244	160	11.8	121	0.656	0.0403	35.7
1998	58	0.004	21.0	16.2	20.6	17.9	3846	244	160	11.5	122	0.656	0.0417	34.5
1999	67	0.004	20.5	15.8	19.9	17.4	3949	244	160	11.8	121	0.656	0.0405	34.4
2000	58	0.004	20.0	15.5	19.4	17.0	3956	244	160	11.8	121	0.656	0.0405	33.7
2001	317	0.020	20.7	15.9	20.3	17.6	4056	220	185	10.9	128	0.841	0.0455	35.7
2002	210	0.013	21.1	16.3	20.6	18.0	3967	205	171	11.4	124	0.831	0.0429	35.7
2003	478	0.030	20.4	15.8	19.8	17.4	4511	246	204	11.0	129	0.828	0.0450	39.2

Percent of L-5 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					FOUR
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	VALVE
1997	0.0	42.2	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
1998	0.0	59.8	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
1999	0.0	69.3	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
2000	0.0	72.8	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
2001	0.0	40.7	0.0	100.0	100.0	100.0	0.0	0.0	0.0	2.8
2002	0.0	35.8	0.0	100.0	100.0	100.0	0.0	0.0	0.0	6.7
2003	0.0	35.3	0.0	100.0	100.0	100.0	0.0	0.0	0.0	3.6